

Civil/Environmental Engineers

DAVID L. AHEARN, III
705 13th Street, Tuscaloosa, AL 35404
Telephone: 205-887-2212, Email: david.ahearn@mail.ua.edu

OBJECTIVE: Civil Engineer specializing in structural projects or construction management

SUMMARY OF QUALIFICATIONS: Graduate Civil Engineer with 6 years of construction and civil engineering work experience, including estimating, project management, and surveying. Business minded – mission effective in independent/group tasks with minimum direction/supervision.

EXPERIENCE

Jan 2002 - Dec 2002

Teaching Assistant (Fellowship) for Introduction to Material Science (MTE 271), University of Alabama, Material Science and Metallurgical Engineering, Dr. Richard Bradt – Grading, record keeping, and teaching extended class sessions

May 1996 - Aug 2001

ELCCO, Inc., Enterprise, Alabama and Palmyra, Virginia, Mr. Dave Ahearn, Jr. – estimating, project management, and business development/management for commercial projects (up to \$50,000), stick built and steel framed residential new construction/repairs, and concrete restoration and repairs

May 2001 - Sept 2001

Engineering, Environmental and Forestry Services (E.E.F.S), Bessemer, Alabama, Mr. Ron Gilley – Surveyor team member (trained in total station operation)

Sept 1999 - Dec 2001

Ballistic Materials Testing, Aerospace Engineering and Mechanics, University of Alabama, Dr. Stan E. Jones – High strain rate stress estimates on materials for Air Force applications and experimental procedures, laboratory equipment design, and data analysis

May 1999 - Dec 1999

Grader, Engineering Drafting – University of Alabama, Mechanical Engineering Department, Dr. Hoffman

EDUCATION

Bachelor of Science, Civil Engineering, University of Alabama, 2001

Graduate Studies (Fellowship), Material Science and Metallurgy, University of Alabama, 2002

ENGINEERING TECHNICAL ACADEMIC FOCUS

Foundation Engineering	– Designing criteria for shallow and deep foundations
Advanced Structures	– Using stress tensor matrix to analyze structures
Elasticity	– Building stress tensors for isotropic and anisotropic materials

PERSONAL

Fundamentals of Engineering examination successfully completed; goal – PE in reasonable time frame
Combination of inside and field work desirable; willing to relocate and travel
Certified laser operator; scanning electron microscope (SEM) operator
Hobbies: Mountain hiking, camping, golf, and carpentry

Permanent address: 44 Maplevale Dr., Palmyra, VA 22963, 434-589-8631, fax on request, ahearnd@aol.com

Alif Ali

alif.ali@vanderbilt.edu

Station B 6203 , Vanderbilt Place, Nashville, TN 37235 H:615 421 2641 C:615 554 1481

EDUCATION

Vanderbilt University

Bachelor of Engineering (intended year of graduation: May 2004)

Double Major: Civil Engineering and Economics

Grade Point Average:

Cumulative: 3.474

Civil Engineering (Area of concentration: Structures) 3.479

Economics 3.290

HONORS

National Dean's List – awarded to 1/2 of 1% of nation's college students for gifted students, selected by deans, comparable faculty members or educational organizations.

School of Engineering Dean's List

Fall 2000 Honors

Spring 2002

High Honors

Spring 2001 High Honors

Fall 2002

Honors

Fall 2001 Honors

Spring 2003

Honors

Athenians-National Honorary Society for Juniors, 2002

Chi Epsilon –National Honorary Society for Civil Engineering, member since 2002 (*Treasurer 2003/2004*)

Omicron Delta Kappa-National Honorary Society

ACTIVITIES

American Society of Civil Engineers-Vice President 2003/2004, Vanderbilt Student Chapter Representative at the ASCE Workshop for Student Chapter Leaders in Jacksonville, FL 2003, Third Place Overall Southeast Regional Conference 2003, National Affiliate

Society of Women Engineers-Treasurer, managed a \$3000 budget, membership supervision, event facilitation, panel speaker for Tennessee Women in Engineering, Science and Technology Program, SWE National Conference, Birmingham, Alabama (Chapter representative), National Affiliate

Resident Adviser 2002-2004 –Supervision of 64 female and male upperclassmen, program planning and promulgation, mentor/peer invigilator, Awarded Program of the Month for February 2003

Student Government Association-Multicultural Committee facilitated parallel correspondence with neighboring colleges, event collaboration with various organizations on campus to increase diversity awareness

Better Decisions-Mentor/facilitator, weekly individual meetings with inmate at the Tennessee State Prison for Women for the fall semester 2002

First Friends-Community Outreach program to the Nashville locals

Fencing Club-member, third place in Junior Olympics Trials Tennessee Division 2001

Malaysian Students Association-program coordinator, public relations, event-planning co-chair for Malaysian Festival March 2003, Participant Midwest Games at Buffalo New York 2002 and Minnesota 2003

Institute of Transportation Engineering-member

North American Society for Trenchless Technology-conference assistant, participant March 2003

WORK EXPERIENCE

University of Malaya, Kuala Lumpur (Summer 2003)- Research Assistant at the Science Faculty

Preparatory Academics for Vanderbilt Engineers (Summer 2002)

Mentor/Teaching Assistant for Engineering Summer Camp

Supervised and tutored camp participants, facilitated academic and non-academic activities

Vanderbilt University Recreational Center (Summer 2001)

Receptionist Assisted with Summer Membership, provided friendly and professional service to visitors, cashier

Vanderbilt University Computer Lab Monitor

Assisted lab visitors with technical troubleshooting, maintained a professional environment for lab users.

Reeve

Help monitored the safety of resident halls, assisted visitors, monitored fire alarm and safety systems

SKILLS

Computer Experience: Comprehensive knowledge of Microsoft Word, Excel, and PowerPoint, Basic understanding of MATLAB, BORLAND C++, AUTOCAD, Haestad Methods Software for Water Resources Engineering and Hydraulic Systems Management, fluent in 2 languages, basic knowledge in Russian and Japanese.

INTERESTS

Travel (Europe, Middle East, Australia, South East Asia, United States), photography, collecting poetry, theatre, music, fine arts, camping, water and extreme sports, philosophy, reading, wildlife conservation, horseback riding, four years experience in stage acting.

REFERENCES

Available upon request.

Becky Beale

becky1996@hotmail.com

Current Address:
3550 Watermelon Road 15-B
Northport, Alabama 35473
(205) 752-2635

Permanent Address:
281 County Road 122
Florence, Alabama 35634
(256) 764-5707

Objective To obtain an entry-level position in civil or environmental engineering.

Education **Bachelor of Science: Civil Engineering**
Certificate in Environmental Engineering
University of Alabama, Tuscaloosa, Alabama
Expected Graduation: May 2002
Cumulative GPA 2.82

**Relevant
Course Work**

Stormwater Management	Design of Reinforced Concrete
Water and Wastewater Engineering	Structural Steel Design
Water Resources Engineering	Structural Analysis
Air Pollution Engineering	Geotechnical Engineering
Hazardous Waste Management	

Projects

Senior Design Project, Spring 2002
Preparing a development plan for a portion of the Northwood Lake watershed near Northport, Alabama. The proposed development includes a 400-acre "village" development incorporating "Green Construction" technology.

Water and Wastewater Design Project, Spring 2002
Detailing the design and installation of a septic system for a five bedroom four bath 3500 square foot residential home on a one acre site.

Experience

Engineering Intern, May 2000- August 2000
Florence Municipal Wastewater Treatment Plant, Florence, Alabama.
Assisted in daily operation of the plant. Took influent and effluent water samples from the plant. Also, took water samples from upstream and downstream from discharge. Prepared lab samples for testing. Also, performed some lab tests such as mixed liquor suspended solids, dissolved oxygen, and sludge volume index.

**Computer
Skills**

Microsoft Excel, Microsoft PowerPoint, Microsoft Word, Internet Explorer, Risa 3-D Version 4.5, AutoCAD, Windows, FORTRAN, C/C++, SLAMM for Windows

Activities

Student Member (#391443) American Society of Civil Engineers (ASCE)

References

Available upon request

PERMANENT ADDRESS
97 Dummerston Station Rd.
East Dummerston VT 05346
(802) 257-1137 (Home)
(518) 496-0388 (Cell)

Briana Brookes
brookb@rpi.edu

SCHOOL ADDRESS
1604 Hutton St.
Troy, NY 12180
(518) 273-3741
(518) 496-0388

OBJECTIVE A Co-op opportunity for the spring and summer of 2004 to gain working experience in the field of Structural Engineering.

EDUCATION

Rensselaer Polytechnic Institute, Troy, NY
▫ Bachelor of Science in Civil Engineering
▫ GPA 3.52/4.0

May 2005

Professional Leadership Program

▫ 1 year non credit program for selected juniors and seniors strengthen leadership skills and business ethics in a corporate culture setting.

May 2004

Computer Aided Drafting

▫ Southern Vermont Career Educational Center certificate program in Architectural and Engineering Computer and Manual Drafting

October 1999

PROJECTS

Snow Loading Analysis Research Project *Research Assistant, RPI*

▫ Developed experiment for measuring snow loads on low sloped roofs. Collected data for analysis and built models for experiment.

May- Aug 2002

COURSEWORK

Intro to Structural Engineering, Intro to Geotechnical Engineering, Intro to Transportation Strengths of Materials, Engineering Dynamics, and Engineering Graphics and CAD

EMPLOYMENT

Rensselaer Polytechnic Institute *Teaching Assistant, Troy, NY*

▫ Assisted with in class assignments and distribution of class materials for Introduction to Engineering Analysis, and introductory course teaching statics by incorporating beginning linear algebra.

Sept 02-Present

Vermont Agency of Transportation

Technician I / Field Site Inspector, Grafton/ Rockingham, VT

▫ Concrete testing including air and slump tests and making test cylinders
▫ Lay out and calculations of elevations and offsets of stakes for road reconstruction
▫ Ran centerline and offset stakes for fine grade for paving
▫ Supervised sloped edge curbing and sidewalk installation
▫ Developed a system for and kept track of quantities for seeding and mulching of project
▫ Plotted cross sections and computed quantities for structure excavation, granular backfill for structures, concrete, and stone facing and stone and sand quantities for project
▫ Figured grades on vertical curves and deflections for curves on centerline.

May 03- Aug 03

Green Mountain Surveying

Map Maker, Marlboro, VT

▫ Worked on inputting field data and boundary lines and finishing and updating preexisting maps

May- Aug 2002

COMPUTER SOFTWARE: AutoCAD 14, Excel, Maple, PageMaker, Power Point, Solid Works 2001plus, Word, VT State Construction Site Manager software.

AWARDS AND HONORS: Rensselaer Dean's List (2002-Present), National Honor Society (2001)

ORGANIZATIONS : American Society of Civil Engineers (2002- Present)
Society of Women Engineers (2002-Present)
Smith College Ski Team 2002 NCSCA National Qualifiers
Division I High School Ski Team, Vermont State Champion (1999 and 2000)

LAWSON BROWN

lawson0331@hotmail.com

Current Address:

2705 37th Place East Apt #105
Tuscaloosa, Alabama 35401
(205) 554-7998

Permanent Address:

111 Butler Street
Selma, Alabama 36701
(334) 875-4839

Education:

The University of Alabama
Bachelor of Science in Civil Engineering
Expected Graduation: May 2003
Cumulative GPA: 2.5/4.0

Tuscaloosa, AL.

Civil Engineering Design Project: *Shopping Center Design*

- Designed parking stall layout
- Designed traffic control devices
- Formulated base and asphalt thickness

Work Experience:

Tucker-Jones Engineering
January 2003 - Present

Birmingham, AL.

- Assisted in designing building structures
- Performed beam analysis with Ram S Beam
- Designed retaining walls with Retain Pro

United Parcel Service
October 1997 - August 1999

Selma, AL.

- Sorted packages to insure correct destination
- Unloaded delivery trucks
- Performed delivery truck maintenance

Mico Log and Timber Company
Summer break 1995 -1997

Selma, AL.

- Inspect timber for harvesting
- Scouted for bug infested timber
- Marked property lines

Honors / Activities:

Pi Kappa Alpha
Volunteer Community Service

Computer Skills:

AutoCAD, Retain Pro, Ram S Beam, FORTRAN, Excel, Word

Mark E. Bryant

5207 Missy Lane
Trussville, Alabama 35173
205-661-0808
Mebgolfr@Centurytel.net

Objective

To use my experience, skills, and education to join a team whose focus is to make our community a better place by thinking outside the box.

Education and Certifications

University of Alabama at Birmingham, Birmingham, Alabama
Bachelor of Science in Civil and Environmental Engineering
Completed in May 2003

Electives

- ♦ Engineering Liability
- ♦ Masonry Structures Design
- ♦ Concrete Technology

Board of Licensure for Professional Engineers and Land Surveyors
Engineer Intern, EIT, July 2003

Jefferson State Junior College, Birmingham, Alabama
Associate of Science in Radiological Sciences
Completed in December 1990

American Registry of Radiological Technologist
Certified RT, March 1991

Computer Software Instructor
Microsoft office and HBOC medical systems, March 1998

Experience

ASCE Southeastern Competitions, April 2002 and April 2003

- ♦ Activity Chairperson responsible for travel and logistical arrangements
- ♦ Team Participant in concrete canoe, survey and balsa wood bridge competition

Senior Design Project Manager May 2003
"Restoration of Lincoln Normal School Gymnasium Marion, Alabama"
Management responsibilities for the design team of Mycenae Engineering who was awarded Best Project Award for 2003. Project consisted of design for environmental site remediation, structural renovation and overall site repair.

Senior Radiological Technologist
Medical Center East, Birmingham, Alabama, June 1990-January 2003

American Heart Association CPR Instructor, 1996-2000

Memberships and Activities

American Society of Civil Engineers, Associate Member, May 2003

Carrington Home Owners Association Board, Vice President, January 2003 – Present

Director of Men's Softball Ministries, The Church at Brookhills, 1994-2000

References Available on Request

Sarah R. Burnam

814 James St.
Carterville, IL 62918
Home Phone 618-924-5955

OBJECTIVE

To obtain a summer internship in which I can further my experience and knowledge in the civil/environmental engineering field

EDUCATION

Southern Illinois University - Carbondale

GPA: 3.524/4.0 scale

Engineering GPA: 3.647/4.0 scale

Dean's List

Scholarships

- SIUC Engineering Scholarship
- SIUC Academic Scholarship
- Connie/Charles Church Memorial Scholarship
- Tri-C Memorial Scholarship
- College of Engineering Development Scholarship
- Highway District 9 Scholarship
- Leadership Academy Scholarship

WORK HISTORY

2001-Present

Server, Garfield's Restaurant

- Wait tables, serve customers, clean up

2002-Present

Undergraduate Researcher, Southern Illinois University - Carbondale

- Currently working on a webpage entitled, *Digital Images for Environmental and Water Resources Engineering*, funded by the National Science Foundation
- Organize and write descriptions for digital images
- Conducted research using granular activated carbon

Summer 2003

Undergraduate Research Experience, University of Colorado - Boulder

- Designed a research experiment for granular activated carbon using the rapid small scale column test
- Gave a final presentation of research entitled, *The Impact of Initial Total Organic Carbon Concentration and Empty Bed Contact Time on the Granular Activated Carbon Breakthrough Curve*

ORGANIZATIONS

- Society of Women Engineers, web page master
- American Society of Civil Engineers, member

COMPUTER SKILLS

- Microsoft office
- CAD, Fortran

MATTHEW LEE CADDIS

caddis22@yahoo.com

14452 Hwy. 82 East
Duncanville, AL 35456

Home (205) 345-6537
Cell (205) 792-9479

EDUCATION Bachelor of Science: Civil Engineering
The University of Alabama, Tuscaloosa, Alabama
Expected Graduation: May 2004
Cumulative GPA 3.0/4.0 Major GPA 3.3/4.0

Pre-Engineering Program
The University of West Alabama, Livingston, Alabama
August 1999-May 2001

EXPERIENCE MULLINS & ASSOCIATES, INC. (Tuscaloosa, AL) Aug 2002 - Present
Staff Engineer
Engineering design and drafting, storm water and construction inspections, survey drafting and fieldwork. I've designed several septic systems, two complete site development plans, and worked on numerous projects during the design of many subdivision plans. I'm knowledgeable in the field of surveying, and have many hours of fieldwork. I've also had some experience as a construction manager during the building of a garden home development in north Tuscaloosa County.

HEAVY EQUIPMENT OPERATOR
ABF CONSTRUCTION CO. (Oxford, AL) Summer 2001
Operated heavy equipment, such as bulldozers and trackhoes, in the clearing and grubbing of two new school sites in east Tuscaloosa County.

HEAVY EQUIPMENT OPERATOR
DRM UTILITIES, INC. (Tuscaloosa, AL) Summer's of 1999 & 2000
Worked in Birmingham, AL on a multi-million dollar sewer line rehabilitation project throughout the city. Operated trackhoes and bulldozers during pipe laying construction, ran surveying equipment while checking grades, and built manhole inverts.

*Worked during school and summer's to fund my tuition and books completely on my own.

COMPUTER SKILLS
AutoCAD 2002, Carlson Survey XML, Survey link, Design CAD 3000, TDS
Ranger Data Collection, AutoCAD Land Development, Hydraflow Hydrographs 2002,
MS Office, Windows, Word, Excel

LEADERSHIP Chi Epsilon (National Civil Engineering Honor Society) at the University of Alabama,
only top 3% of junior & senior class
Received recognition in 2001-2002 & 2002-2003 National Deans List publication
Awarded ASCE Student of the Year 2002-2003.
ASCE Vice-President of Communications 2003-2004.

REFERENCES Available upon request

Craig J. Carden
gguyute27@aol.com

Current Address:
1421 6th Street
Tuscaloosa, Alabama 35401
(256) 318-1527

Permanent Address:
903 Rice Road
Hartselle, AL 35640
(256) 773-5729

OBJECTIVE

To obtain an entry level position in Civil engineering with an emphasis on environmental research, conservation, and water resources.

EDUCATION

The University of Alabama
Tuscaloosa, Alabama
Bachelor of Science: Civil/Environmental Engineering
Expected Graduation: Dec 2003
Overall GPA: 2.955/4.000

Calhoun Community College
Decatur, Alabama
Core Curriculum Courses
Overall GPA: 3.42/4.00

Coursework: Civil Engineering Materials, Elementary Surveying, Geotechnical Engineering, Structural Analysis, Water Resources, Highway Design/Construction, Environmental Engineering Science, Structural Steel Design, Civil Engineering Design Project, Construction Methods of Estimating, Reinforced Concrete Structures, Solid/Hazardous Waste Management, Bridge Design and Construction, Construction Finance.

PROJECTS

Civil Engineering Design Project, fall 2003: Design and preparation of plans for a dam and water supply reservoir on the North River in Fayette County, Alabama. Students work in teams on a civil engineering design project from project conception to production of construction drawings. Participated with the environmental/water team on this design project.

Bridge Design and Construction, fall 2003: Introduction to bridge design and construction; site selection, bridge requirements, construction costs, design loads, and design of the bridge deck, superstructure and substructure. Project consisted of determining if an existing steel truss girder bridge with wood deck would support a moving load such as a tractor for an area resident.

Water Resources, fall 2002: The treatment of fluid mechanics, hydrology, and hydraulics as they apply to the discipline of water resources engineering. Projects included completion of simple designs of urban water-use and water-control systems such as storm drainage systems, sanitary sewer collection system, and water distribution system.

EXPERIENCE

University of Alabama Research Position, summer 2003
Under supervision of associate professor Dr. Derek Williamson, Tuscaloosa, Alabama.
Research of Occupational Exposure at Construction Sites to Particulate Matter from Cutting/Drilling Operations.

Warehouse Manager, January 1998-August 2000
Stuart C. Irby Co., Decatur, Alabama.
Managed the warehouse, delivered products, and dealt with customers. Responsibilities included three delivery drivers and warehouse personnel, inventory, shipping and receiving.

Worked various part-time positions to support financial needs for college.

COMPUTER SKILLS

MS Office, Windows, Internet, Autocad, Matlab, Risa 3-D, BamaNet, HEC1, Maple

ACTIVITIES/HONORS

Dean's List Spring 2003, Passed FE Spring 2003, ASCE, AEC, Environmental Conservation, Hiking, and Camping

REFERENCES AVAILABLE UPON REQUEST

PATRICK RYAN CLARK

120 15th St. E #8105
Tuscaloosa, AL 35401
(205) 750-8507
patclark33@hotmail.com

EDUCATION

Master of Science: Civil Engineering, May 2004

The University of Alabama, Tuscaloosa, AL

Academic Average: 3.67

Honors: 2002-2003 National Alumni Association Graduate Fellowship
2002-2003 National Alumni Association Graduate Scholarship
Graduate Research Assistantship

Bachelor of Science: Civil Engineering, May 2002

The University of Alabama-Huntsville, Huntsville, AL

Academic Average: 3.86

Honors: Tau Beta Pi, National Engineering Honor Society
Honor Scholar List/ Engineering Dean's List, 7 of 7 semesters
Society of American Military Engineers-Huntsville Post Scholarship
Phi Kappa Phi Honor Society

Completed senior design project that included the design of two story office building, parking lot, and loading dock.

Passed FE Exam, April 2002

EXPERIENCE

The University of Alabama (August 2002 – Present)

Civil Engineering Department, Tuscaloosa, AL 35401

Phone: (256) 883-0832

Supervisor: Dr. Jay Lindly

Graduate research assistant. August 2002 – December 2003.

Led program for Alabama Department of Transportation to review current pavement Life-Cycle Cost Analysis (LCCA) procedures and to compare it to Federal Highway Administration (FHWA) and other state procedures. Generated report identifying new data sources and software for conducting an LCCA in Alabama. This report also provided details on operation of new LCCA software as well as how to implement FHWA recommended LCCA procedures.

Radiance Technologies, Inc. (May 2002 - August 2002)

500 Wynn Drive, Suite 504

Huntsville, AL 35816

Phone: (256) 704-3420

Supervisor: Ray Bouldin, STARE Program Manager

Supported mechanical integration of electro-optical sensor and adjustable mast onto High Mobility Multi-Wheeled Vehicle (HMMWV). The system provides real-time capability to detect, locate and classify small caliber weapons based on their signature. Disassembled and repaired an extendable hydraulic 40 foot mast prior to integration with sensor package. Supported field-testing of and data collection by STARE system at several ranges.

Valley Hill Country Club

8300 Valley Hill Drive, Huntsville, AL 35802

Phone: (256) 883-0832

Supervisor: Jeff Lee, Head Superintendent

Golf course maintenance. Summer 1997, 1998, 2000 and 2001.

Duties include: greens cutting and spot watering, fairways, tees, and rough cutting, bunker maintenance.

Richard Longmire Construction, Huntsville, AL

House framing. Summer 1999.

Duties: built entire wooden frame of home including window installation and siding.

Randolph School

1005 Drake Ave, Huntsville, AL 35802

Randolph Pool Lifeguard. Summer 1995 and 1996.

SOFTWARE

AutoCAD Land Development, IDEAS, Solid Edge, Arcview GIS, MS Excel, MS Word, MS PowerPoint, Windows 95 – XP, C+, Probabilistic LCCA.

ORGANIZATIONS

American Society of Civil Engineers
Institute of Transportation Engineers

Phi Kappa Phi
Tau Beta Pi

PUBLICATIONS

“Adjustments to Pavement Life-Cycle Cost Analysis Procedures,” *University Transportation Center for Alabama Report 02409*, June 1, 2003.

“Characterizing Work Zone Attributes and Effects,” *Masters Thesis*, The University of Alabama, May 2004.

CAREER

A position in Civil Engineering that provides an opportunity to build a broad experience base allowing for the selection of the area for specialization which is most challenging and interesting. Preferably some of that experience is outdoors.

REFERENCES

Dr. Jay K. Lindly
(205) 348-6550
Jlindly@coe.eng.ua.edu

Dr. Daniel S. Turner
(205) 348-6550
Dturner@coe.eng.ua.edu

John A. Dennis
(256) 704-3402
john@radiancetek.com

Brenda Claudio

86 calle cielomar Paraíso de Gurabo
Gurabo, Puerto Rico, 00778-3750
Tel/fax 787 712-1456 Mobile 787 630-7261
Email: rbagrimensores@hotmail.com

- OBJECTIVE** To obtain a position that will provide exciting experience, challenging assignment and growth opportunities in the area of civil engineering and/or land surveying in a sense to be a good contributor to reach the goals of your company.
- EDUCATION** *University of Puerto Rico- Mayagüez Campus*
Major: **BS in Land Surveying** Graduation Date: May, 1997 Major GPA: 3.08
University of Puerto Rico- Mayagüez Campus
Major: **BS in Civil Engineering** Graduation Date: May, 1999 Major GPA: 3.00
- WORK EXPERIENCE**
- August 2002 to present **Landwork, Corp.,** Gurabo, Puerto Rico
Co-owner. Engineering and land surveying consultant. Design, measures and inspection in construction and developments projects.
- August 1999 –August 2002 **Construcciones Contreras S.E.,** San Juan, Puerto Rico
Project manager. Manage and coordinate the work for the construction of Paraíso de Gurabo, a housing development of 93 dwellings and at Los Cedros walkups development of 88 units considering the project schedule, budget and cost.
- Summer 1999 **Highway and Transportation Agency,** Santurce, Puerto Rico.
Engineer responsible of the land surveying area. Collecting field data to improve the geometry of the road and designing the changes.
Inspector of the proposed geometry design for futures developments.
- January 1999- May 1999 **Engineering Computer, Inc.,** Mayagüez, Puerto Rico
Land surveying and engineering temporary job. Collectig field data and designing.
- October 1998-December 1998 **West Land, Inc.,** Mayagüez, Puerto Rico
Temporary job as *inspector* estimating the structural damages caused by hurricane George in the municipal area.
- Summer 1996 **Levitt Homes, Inc.,** San Juan, Puerto Rico
Working in surveying field's measurements and computation at Encantada, a 700 acres housing development of 2,750 dwellings.
- RESEARCHS**
August 1997-December 1998 **University of Puerto Rico, Mayagüez Campus.**
International Institute of Tropical Forestry landuse research.
- SKILLS**
Computer Skills: Windows XP, Office 2000, AutoCad 2000, SurvCad2000, Fortran, Qbasic, Arcview, ArcInfo
Communication Skills: Bilingual (Spanish and English)
- ASSOCIATIONS**
S.W.E- Puerto Rico professional section (**Vice-president** 2002-2003)
S.W.E.- UPR Student section (**President** 1995-1996)
Eta Gamma Delta Sorority
- REFERENCES** Available upon request

ROBERT C. CROWLEY

robert.crowley@ua.edu

Local Address:
716 13th Street
Tuscaloosa, Alabama 35401
(205) 247-7995

Permanent Address:
921 Irving Road
Birmingham, Alabama 35209
(205) 903-7595

OBJECTIVE

To obtain post-graduate full-time employment in Civil Engineering for professional career with future consideration of obtaining MBA.

EDUCATION

The University of Alabama, Tuscaloosa, May 2004

Bachelor of Science, Civil and Environmental Engineering
Minor, General Business
Expected Graduation Date: December 2003
Cumulative GPA: 2.7/4.0 Major GPA: 3.0/4.0

EXPERIENCE

Intern, Regulatory Affairs/Environmental Engineering, U.S. Steel-Fairfield Works, Fairfield, Alabama. May 2001-August 2001, May 2002-August 2002.

Duties included: Documented ISO 14002 certification procedures. Coordinated furnace stack emission testing. Maintained regulation mandated test records for water, air and hazardous waste systems. Corresponded with regulatory bodies and other parts of Fairfield Works Managed inter-office files. Performed source sampling and testing. Assisted environmental engineering projects.

Manager, Furnace Fest 2002, Birmingham, Alabama. August 2002.

Duties included: Volunteered nights and weekends to perform promotion work in months prior to event and management during the three day event at Sloss Furnaces. During the festival, managed entrance gate for musical performers and vendors. Also worked ticket gate, stage area and parking area during the festival. Coordinated local volunteer effort for the fest which included approximately 100 musical acts and attracted over 3000 people over three days.

Clerk/Cashier, CVS Pharmacy, Homewood, Alabama. June 1998-August 1999, May 2000-August 2000.

Duties included: Customer service at register and throughout store Unloaded shipments and checked in new merchandise. Stocked shelves. Performed store maintenance duties. Delivered prescriptions and store items to customers' homes as part of delivery service.

COMPUTER SKILLS

Microsoft Windows 95-XP, Word, Excel, PowerPoint, Access, Front Page, Macintosh OS 8-X, AutoCAD Land Development, RISA, Internet, GIS, Fortran, Basic HTML

ACTIVITIES/HONORS

Boy Scouts of America (BSA) Eagle Scout (6 palms)
BSA Order of the Arrow Service Organization Brotherhood Member (elected)
American Society of Civil Engineers
Jefferson County Lions' Club Youth Appreciation Day 1999 (selected participant)
Habitat for Humanity
University of Alabama *Million Dollar Band*, Tuba section
Campus Crusade for Christ Student Ministry
Dunamis Student Ministry

REFERENCES AVAILABLE UPON REQUEST

Current Address:
311 Davidson Hall
1999 Burdette Avenue
Troy, NY 12180
(518)-276-7372

Anne C. Drames
dramea@rpi.edu

Permanent Address:
403 Strawtown Road
West Nyack, NY 10994
(845)-358-0154

Education	Rensselaer Polytechnic Institute	2001 – 2005	Troy, NY
	Bachelor of Science in Engineering in Civil Engineering Major: Civil Engineering Minor: Psychology GPA: cumulative: 3.41 Expected graduation date: May 2005		
Computer Skills	Computer Aided Design (Auto CAD®, Solidworks 3-D Mechanical Modeling), MS Windows 98/2K/XP, Microsoft Office Applications (including Word and Excel), Adobe Photoshop, Maple, Minitab and C++ (Visual Basic).		
Work Experience	Lawler, Matusky and Skelly Engineers LLP	May 2002- Present	Pearl River, NY
	Intern <ul style="list-style-type: none">▪ Land Restoration –determined various habitats from aerial photos, calculated habitat areas using planimeter; compiled resulting data in spreadsheet..▪ Land Development- Worked on Environmental Impact Statement (EIS). Surveyed and marked out proposed development. Attended planning board meeting to gain background knowledge of project.▪ Soil Percolation Tests- Performed tests; learned about septic system layout and design.▪ Auto Cad- Used program in the professional environment to create a layout of various project sites.▪ Field surveying and inspection for environmental investigation- Gained knowledge of various surveying equipment including Global Positioning System and Photoionization Detector.▪ Environment Redevelopment- Reviewed and analyzed data in comparison to specific criteria.▪ Hazardous Waste Site Remediation-Designing the layout and drafting Air Sparge/Vapor Extraction remediation system for site.▪ Organized, updated, and analyzed raw data into excel spreadsheets for project manager's use.▪ Responsible for creating backup files for invoice, confirming time and expense sheets for the Finance Department.		
	Rensselaer Core Engineering	Fall 2001 – Present	Troy, NY
	Office Assistant <ul style="list-style-type: none">▪ Update the files of Engineering students, update the Engineering curriculum (i.e., course offerings), analyze statistics, and prepare course activities (i.e. exams and projects) as well as photo copying, filing, and miscellaneous errands.		
	Romano's Macaroni Grill	May 2001 – May 2003	West Nyack, NY
	Restaurant Server <ul style="list-style-type: none">▪ Responsible for serving multiple tables while interacting with various individuals. Also learned how to use the Microsoft Windows based application software and LCD touch screen display to submit orders and create customer checks and receipts.		
Honors	<ul style="list-style-type: none">▪ Rensselaer Dean's List of Distinguished Students (Fall 2001-Present)▪ UCAA 2002 Soccer All-Academic▪ Ford Motors Scholarship▪ Emily Roebling Scholarship Recipient▪ Rensselaer Alumni Scholarship Recipient▪ 2001 ECAC Northeast Soccer Champions▪ 2001 NYSWCAA Champions		
Memberships and Activities	<ul style="list-style-type: none">▪ Soccer (RPI Team, NY Empire State Team, NY State Team, North Rockland Club)▪ Member of American Society of Civil Engineers: Mohawk Hudson Student Chapter▪ Member of SAAC (Student Athlete Advisory Committee)▪ Active in the Women's Mentor program at RPI▪ Trumpet player – nine years experience, member of band and marching band		

Matthew Duke

Current Address:
1107 7th Avenue
Tuscaloosa, Alabama 35401
(205) 752-3684
duke012@bama.ua.edu

Permanent Address:
213 Kings Forest Drive
Leeds, Alabama 35094
(205) 699-3588

- Objective** To obtain a summer intern position in the field of civil engineering.
- Education** **Bachelor of Science: Civil Engineering**
The University of Alabama, Tuscaloosa, Alabama
Expected Graduation: May 2005
Cumulative GPA 3.827/4.0
- Leeds High School, Leeds, Alabama
Graduated: May 2001
GPA 4.125/4
- Experience** **Geographical Information Systems Intern, Summer 2002**
Jefferson County Commission, Information Services, Birmingham, Alabama.
Inspected and documented incoming digital orthophots and planimetric feature layers. Edited arcs and attributes of planimetric feature layers. Created backup copies of old information. Implemented a system to organize 8mm backup tapes for storage.
- Shipping and Production Laborer, May 1999 – August 2001**
Griffin Creek Inc., Leeds, Alabama.
Performed the finishing tasks of raw products. Prepared products for shipping. Prepared products and displays for garden and home product shows.
- Computers** MS Word, MS Excel, Matlab, AutoCAD, Windows
- Leadership** The National Society of Collegiate Scholars
Robert E. Gosa Engineering Scholarship recipient
A.P. & Rat Maness Endowed EG Scholarship recipient
Capstone Scholars Day Scholarship recipient
Valedictorian, Class of 2001, Leeds High School
National Honor Society, President, Leeds High School
Lions Club Leadership Award, Leeds, 2001
SGA, Senior Class Vice President
- References** Available upon request

JAMES DUNCAN

900 Hargrove Rd. Apt 12
Tuscaloosa, AL 35401
(205) 344-4534
dunca016@bama.ua.edu

EDUCATION

The University of Alabama, Tuscaloosa, AL.

Bachelors of Science in Civil Engineering. Minor in General Business.

Certificate in Construction Management.

Expected graduation: May 2004. Overall GPA: 3.41/4.0. Major GPA: 3.73/4.0.

Qualified Credentialed Inspector for construction site stormwater management. Since May 2003.
AGTEK Earthwork Takeoff Software trained. June 2003.

COURSE WORK

Elementary Surveying	Structural Steel Design	Geotechnical Engineering
Water Resources Engineering	Environmental Engineering	Highway Design and Construction
Civil Engineering Materials	Construction Management	Structural Analysis and Behavior

WORK EXPERIENCE

Foreman, Estimator, Grade Checker. Winston Contracting, LLC. Pelham, AL. May 2001 - present.

Create drawings, apply for permits, check grade, operate equipment, perform surveying, work with owner's representative on projects, manage resources such as manpower, equipment, parts, and supplies.

Grade Checker, Concrete Laborer. Foothills Contracting, Inc. Helena, AL. May - August 2000, May - August 1999. Checked grade, performed simple surveying, operated equipment, built concrete forms, poured and finished concrete.

Camp Counselor. Boy Scouts of America - Camp Sequoyah. Delta, AL. July 1997, May - July 1998. Performed simple first aid, managed camp trading post, led troops and crews in tent put-up and takedown, supervised scouts at ceremonies and campfires.

ACTIVITIES

Eagle Scout. Boy Scouts of America. Troop 556.

American Society of Civil Engineers.

Secretary: August 2000 - May 2001.

Vice President of Conference: August 2001 - May 2002.

Secretary: August 2003 - present.

Theta Tau Professional Engineering Fraternity.

Corresponding Secretary: May 2002 - present.

Correspondence Chair: May 2002 - present.

Chi Epsilon Civil Engineering Honor Society.

Secretary, Treasurer: April 2002 - April 2003.

President: April 2003 - present.

Engineering Executive Council Representative for ASCE. September 2002 - present.

COMPUTER SKILLS

Microsoft Word	Microsoft FrontPage	Microsoft PowerPoint	Lotus 1-2-3
Microsoft Excel	Microsoft Publisher	AGTEK Takeoff Software	AutoCAD

JENNIFER A. ELLIOTT

Current Address:
P. O. Box 862324
Tuscaloosa, AL 35486 0022
205-347-5414
ellio035@bama.ua.edu

Permanent Address:
1500 Wheeler Avenue
Chattanooga, TN 37406
423-624-4504

OBJECTIVE

To obtain a job in the Civil Engineering field

EDUCATION

Bachelor of Science: Civil Engineering
The University of Alabama, Tuscaloosa, AL
Expected Graduation: May 2005

High School Diploma

Brainerd High School, Chattanooga, TN
Graduated: 2001

EXPERIENCE

Engineering Work-Study Student, Fall 2001-present

Civil Engineering Department, Tuscaloosa, AL
Perform various duties given to me by departmental staff and professors.

Cashier, August 2000-present

Target, Chattanooga, TN
Deal with guests' complaints. Prepare food. Assist in store closing. Perform transactions.

Cashier, August 1999-June 2000

Winn-Dixie Marketplace, Chattanooga, TN
Dealt with customers. Accounted for money. Assisted with store closing.

COMPUTER SKILLS

Microsoft word, excel, power point, Minitab

HONORS/ACTIVITIES

Chi Alpha, National Society of Black Engineers-Publications, 2002-2003, American Society of Civil Engineers,
Society of Women Engineers, Community Foundation Scholarship recipient, Future Alumni for Tradition and Excellence

REFERENCES AVAILABLE UPON REQUEST

Justin D. Evers

11242 Woodbank Drive
Tuscaloosa, AL 35405
(205)-752-7595
justin42880@cs.com

Objective To obtain an entry level civil engineering position which facilitates the pursuit of professional engineering status, while focusing in the areas of general civil and land development.

Education **Bachelor of Science: Civil Engineering**
The University of Alabama, Tuscaloosa , Alabama
Expected Graduation: December 2002
Design Project: University Research Park
Passed Fundamentals of Engineering Exam, April 2002

Experience **Engineering Intern, Current Employer**
Almon Associates, Tuscaloosa, Alabama
Performed in field survey work. Involved in construction and design of civil engineering projects which include quantity and rate calculations.

Construction Labor, Summer 2001- Spring 2002
Hall – Taylor Construction, Tuscaloosa, Alabama
General Construction Work
Minor Equipment Operation: Backhoe, LULL
Debris Removal.

Engineering Intern, Fall 2000, Spring 2001
Elk Corporation, Tuscaloosa, Alabama
Design work, minor problem analysis, Autocad, technical writing

Excavation Construction, Summer 2000
Ran heavy equipment, installed fencing, assisted with construction site preparation.

Organizational Involvement

Chi Epsilon
ASCE

References

Available upon request

Jonathan Freeman

841 Capps Road
Jasper, AL 35504
(205)333-9288
freem037@bama.ua.edu

Education

Bachelor of Science: Civil Engineering
The University of Alabama, Tuscaloosa, AL
Expected Graduation: August 2003
Overall GPA: 3.09/4.33 Major GPA: 3.30/4.33

Coursework

Structural Analysis	Geotechnical Engineering
Reinforced Concrete Structures	Foundation Engineering
Steel Design	Water Resources Engineering
Masonry Structures	Environmental Engineering

Class Projects

- 1) Senior Design Project, Spring 2003, Involves runoff calculations, curb & gutter design, and detention.
- 2) Water Distribution and Fire Protection System, Fall 2002
- 3) Sanitary Sewer System, Fall 2002
- 4) Storm Water Collection System, Fall 2002
- 5) Bridge Designs (Balsa Wood Bridge and Straw Bridge), Spring 2002

Work Experience

Part-time Plumber, P&M Plumbing, Cottdale, AL Spring 2001- present
Assisted in the installation of plumbing systems.

Surveyor, C&C Surveying, Jasper, AL Summer 2002
Assisted in topographic surveys, landfill surveys, and subdivision layout.

Carpenter, Freeman-Porter Inc., Jasper, AL Summer 1999, 2001
Assisted in remodeling projects as well as framing of new homes.

Surveyor, Barge, Waggoner, Sumner & Cannon, Jasper, AL Summer 1998
Assisted in boundary surveys, landfill surveys, and topographic surveys.

Computer Skills

MS Word, MS Excel, MS PowerPoint, MS Internet Explorer, Windows 95/98/00, AutoCad

Activities/Honors

American Society of Civil Engineers student chapter
Recipient of Walker County Homebuilders Association Scholarship

References

Available upon request.

MARY E. FRIEDMANN

Permanent: 5208 Loveland St., Metairie, LA, 70006 (504) 455-2298

Current: P.O. Box 18776, Baton Rouge, LA, 70893 (225) 235-9147
mfried1@lsu.edu

OBJECTIVE	To gain a co-op or an internship and learn more about the Civil Engineering field.	
EDUCATION	Louisiana State University, Baton Rouge, LA (May 2006) <i>B.S. in Civil Engineering with a Minor in Geology, GPA: 3.02</i>	Fall 2001 – present
RELATED COURSES	<ul style="list-style-type: none">• CE 2710 – Intro to Civil Engineering• CE 2720 – Comp. Methods CE I• CE 2730 – Comp. Methods CE II• CE 2450 – Statics• CE 3500 – Plane Surveying & Measure• EE 2950 – Comprehensive EE• CM 1030 – Engineering Graphics• IE 3710 – Engineering System Analysis/Optimization	
EXPERIENCE	AutoCAD Consultant: Louisiana Power Technology	Aug. 2003 – present
	Intern: Linfield, Hunter, & Junius, Metairie, LA	May–August 2003
	<ul style="list-style-type: none">• Drafted – mark-ups and some original design• Made blue-lines• Researched and worked on Expert Witness cases• Helped Engineers with reports• Checked Engineer's computations• Archived old jobs	
	Student Worker: Louisiana State University, Baton Rouge, LA	Fall 2001, 2002, 2003; Spring 2002, 2003
	Waterfront Director/Assistant Director: YMCA Camp Greenville, Cedar Mt., S.C.	May–August 2002
	<ul style="list-style-type: none">• Managed and Directed events on boating lake• Made lesson plans and taught classes• Chaperoned groups of teenagers	
	Head Lifeguard: YMCA of Greater New Orleans, Metairie, Louisiana	May–August 2001
	<ul style="list-style-type: none">• Assisted the Aquatic Director and stood in her place during a leave of absence• Supervised the lifeguards• Answered the questions of members and dealt with their complaints• Made schedules every two weeks• Guarded and taught infant, child, and adult swim lessons	
SKILLS	Computer	
	<ul style="list-style-type: none">• Microsoft Office: Word, Excel, and PowerPoint• AutoCAD 2000• MathCAD	<ul style="list-style-type: none">• Maple• Adobe Acrobat• Corel
	Customer Relations Part of my duties as head lifeguard at the local YMCA and Asst. Waterfront Director in Greenville was to address problems and answer the questions of the members. As a lifeguard it was my responsibility to ensure the safety of everyone while enforcing the rules. This often included approaching adult members about their behavior. Because of this, I have acquired the ability to deal with people in problematic situations in a pleasant way and still do my job competently.	

Multicultural

Have taken five years of Spanish and have worked with people from many countries with different primary languages for an extended period of time.

HONORS

100% of Educational Expenses and 50% of Living Expenses:

- TOPS Scholarship with stipend
- LSU Centennial Award
- LSU Award of Excellence

Fall 2001 – present

Fall 2001 – present

Fall 2001 – present

Fall 2001 – present

ACTIVITIES**PROFESSIONAL SOCIETIES**

American Society of Civil Engineers

Society of Women Engineers

Spring 2003 – present

Spring 2003 – present

OTHER

Alpha Lambda Delta

Phi Sigma Pi Honor Fraternity

Tau Beta Pi Engineering Futures Program

April 2002 – present

Fall 2002 – present

March 2003

CHRISTOPHER J. GARRETT

Permanent Address:
1015 7th Ave. Apt. #6
Tuscaloosa, AL
(205) 886-8036
garre004@bama.ua.edu

- Objective** To obtain an entry-level position in a civil engineering related field.
- Education** **Bachelor of Science: Civil Engineering**
The University of Alabama, Tuscaloosa AL
Graduation: May 2003
Design Project: Research Park for the University of Alabama
Passed Fundamentals of Engineering Exam, October 2001
- Experience** **Engineering Intern, May 1999-Present**
McGiffert & Associates LLC, Tuscaloosa AL
- Design: Storm water drainage area calculations for industrial park expansion. Layout and design of drinking water treatment facility.
- Drafting: Water plant expansion, county water distribution map, and utility relocations. Record drawings, parking lot layouts, contour/topographic maps and subdivision layouts.
- Surveying: Stake centerlines and cross-section for new highway expansion, parking lot layout for new high school. Locate property corners. Operated Leica surveying and GPS instruments.
- Stock Person/Delivery Driver, August 1997-May 1999**
Central Supply Co., Tuscaloosa, AL
- Computers** AutoCAD 2002, Microsoft Word, Excel, Power Point, Paint Shop Pro 7, Windows 95/98/2000, FORTRAN
- Activities** UA student chapter ASCE, golf, backpacking, hiking, and biking.
- References** Available upon request

Linda Gillenwater

9030 Gyda Dr
Arvada, CO 80002
June - Aug

Lgilh2o@aol.com
(303) 423-0085

311 North 19th Avenue
Bozeman, MT 59718
Sept - May

Lgillenwater@montana.edu
(406) 587-1491

OBJECTIVE

Obtain an Internship in the field of Civil Engineering

SKILLS

- Strengthened my liaison abilities through 3 years of work in a guest relations department
- Practical experience doing research for clients
- Delivered oral presentations as a main responsibility in my past two jobs
- Effective at working in teams to complete projects
- Commended for my hard work and dedication as an employee

EDUCATION

Junior Civil Engineering, Minor in Business Administration
Montana State University Bozeman, Montana
Expected Graduation Date with B.S. 2005

REVELANT COURSES

- Engineering Design Graphics with Lab Experience
- Material Science
- Statics and Particle Dynamics
- Rigid Body Mechanics
- Applied Analysis
- Surveying

EXPERIENCE

Intern January - May 1999
TerraCon Wheatridge, CO

- Researched, compiled, and edited Phase I reports
- Experienced the various responsibilities of each department
- Created a multi-media presentation

ACTIVITIES

- Member of Society of Women Engineers (SWE)
- President for Montana State University Chapter of SWE 2003 - 2004
- Secretary for Montana State University Chapter of SWE 2002 - 2003
- Member of American Society of Civil Engineers

Jonathan David Grammer

Current Address:
800 Energy Center Boulevard # 807
Northport, AL 35473
(205) 366-9135
Email: gramm007@bama.ua.edu

Permanent Address:
4402 Nicol Park Road
Tuscaloosa, AL 35406
(205) 345-1075

- Objective** To obtain an entry level engineering position with an emphasis on design and construction in order to acquire my Professional Engineering License.
- Education** **Bachelor of Science: Civil Engineering**
Minor: General Business
Certificate: Construction Management
The University of Alabama, Tuscaloosa, Alabama
Expected Graduation: May 2004
Cumulative GPA: 3.40/ 4.0 CE GPA: 3.87/ 4.0
- Experience** **Engineering Intern**, February 2002 – January 2003
The City of Northport Engineering, Northport, Alabama
Performed regular field inspections of public improvement projects particularly subdivision developments. Supervised city employees repairing damages to the city's infrastructure. Identified erosion control violations and aided in the resolution to the problem. Assisted in the review and approval of subdivision development master plans, construction drawings, preliminary plat, and final plat. Generated traffic study data within the city to facilitate basis for recommendations to ALDOT and the city council for the necessity of various traffic control devices. Prepared various research based reports and drawings for the city engineer in problem areas such as storm drainage, paving of city streets, and traffic control. Updated the city's emergency 911 system using GPS and addresses within the city. Provided regular assistance to the general public in various aspects of public works.
- Engineering Assistant**, January 2001- January 2002
Cabaniss Engineering, Inc., Tuscaloosa, Alabama
Assisted Professional Engineer and Professional Land Surveyor in daily office tasks ranging from design to consulting to surveying. Interpreted field survey notes and transformed coordinates into completed drawings for boundary surveys and title surveys. Drafted structural design drawings for construction projects. Drafted subdivision development drawings including master plans, construction drawings, preliminary plats, and final plats. Designed on-site and alternative sewage disposal systems for homebuilders. Worked with survey crew on some large-scale land surveys. Performed courthouse research on recorded plats and deeds to validate information provided by the clients. Verified contractors performed all work according to plans and specifications through regular field inspections and testing.
- Engineering Coop**, Alternating Semesters January 2000-2001
Brasfield & Gorrie, L.L.C., Birmingham, Alabama
Formulated construction estimates on competitively bid jobs in cooperation with estimators and chief engineers. Contacted sub-contractors to provide pricing on all labor and materials necessary to facilitate job completion. Determined the low bidder from qualified sub-contractors and modified bid estimates to reflect as such after satisfactory review and comparison to the in-house estimate. Confirmed changes in pricing from subs on bid day as end of bidding approached and final estimate was submitted to the owner/ AE firm. Hand delivered estimates on competitively bid jobs at end of bidding. Coordinated construction efforts between project managers and field superintendents

while working on-site. Procured daily delivery of construction materials and machinery to prevent any delays in construction. Organized and maintained logs on daily progress, drawings, submittals, RFI's, C/O's, material delivery status, concrete, reinforcing, and rental equipment. Represented the company at progress, safety, and pre-bid meetings with owners/AE firms. Conducted safety meetings with the construction workers and interpreted the meeting to Spanish speaking employees. Continuously reviewed new drawings and specifications for changes and reported them appropriately. Monitored job schedule and informed superintendent of upcoming critical milestones of the project. Operated construction machinery such as skid steers, vibratory rollers, backhoes, dozers, and excavators in earthwork operations. Built forms with embeds and poured concrete in after hours operations. Supervised daily operations and identified any warning signs of complications to job completion.

Student Assistant, March 1999- January 2000

The University of Alabama Environmental Engineering, Tuscaloosa, Alabama
Worked with professors, graduate students, and other undergraduate students in cooperation with ADEM in Montgomery, Alabama to conduct monthly water sampling of various rivers and streams in Alabama. Acquired water samples for lab tests, measured flow, and recorded on site test data for detailed monthly reports. Used test data to determine nutrient levels and overall water quality. Prepared periodic reports on testing procedures and QA/QC for presentation to professors and ADEM officials. Documented any changes in site conditions and test data from month to month and indicated possible effects from or causes of such changes. Verified whether changes signaled small problems such as recent heavy rains or larger ones such as chemical spills or continuous point source pollution.

Laborer, August 1998- March 1999

Hallman Lawn Care, Tuscaloosa, Alabama
Supervised lawn maintenance crew. Delegated duties among a three man crew including me. Minimized losses while maximizing profits by eliminating inefficient workers and poor time management. Implemented team work by assigning duties of cutting, edging, and foliage removal to one of each of three workers. Developed and implemented a monthly schedule of jobs to be completed each week.

Laborer, May 1998- August 1998

Burns & Corder Realty and Construction, Northport, Alabama
Performed daily construction tasks around homebuilding operations. Delivered materials. Performed house keeping and clean-up tasks during construction and at final cleaning. Landscaped yards, placed sod, and built privacy fences. Worked to finish all the little details that were overlooked during the construction of the house until the owner is satisfied.

Computer Skills	AutoCAD, Microstation, Eagle Point, Constructware, RISA, EXCEL, Word, Powerpoint, FORTRAN, GPS	
Honors/Activities	Ambassadors of the College of Engineering	Phi Eta Sigma Honorary
	American Society of Civil Engineers Student Chapter	Dean's List
	Golden Key International Honor Society	Chi Epsilon Honorary
	Alabama Capital Campaign Scholarship	College of Engineering Scholarship
	Alumni Leadership Scholarship	Alpha Lambda Delta Honorary
References	Available upon Request	

LAURA HARR

Email- Lgh4392@tntech.edu

TTU BOX 12563 Cookeville, TN 38505

1583 Pleasant Grove Rd.
Bluff City, TN 37618

School- (931) 372-5559
Home- (423) 538-5049

EDUCATION	Tennessee Technological University	Cookeville, TN
	Bachelor of Science - Civil Engineering	Overall GPA 2.96

ACTIVITIES	Society of Women Engineers – President	2003- Present
	· Presented ideas for improvement	
	· Working toward a more active organization	

	Society of Women Engineers - Secretary	2002-2003
	· Corresponded with members by email and telephone.	
	· Organized fundraising activities.	
	· Assisted in group community projects.	

	Engineering Ambassador	2002- Present
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COMPUTER SKILLS	Microsoft Excel
	Microsoft Word
	FORTRAN
	AutoCAD 2000

RELEVANT COURSES	Engineering Statics
	FORTRAN
	Engineering Drafting
	Engineering Economics

WORK EXPERIENCE	Food City – Customer Services Coordinator	Bristol, TN
	· Taught customers to use self checkout machine.	
	· Coordinated an efficient checkout system.	
	· Drafted weekly reports.	
	· Conducted produce tests.	

	Food City - Cashier	1997-2001
	· Maintained orderly work area.	
	· Ensured good customer relations.	
	· Enhanced orderly inventory.	

AVAILABILITY	June 2004
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REFERENCES	Available upon request
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Davie C. Heard

100 Cedar Crest Tuscaloosa, AL 35401
(205)-366-3331 • heard002@bama.ua.edu

EDUCATION

Bachelor of Science in Civil Engineering, Graduated August 2003
Certificate in Environmental Engineering, August 2003
Member of American Society of Civil Engineers, August 1997-May 1998
Passed Fundamentals of Engineering Exam, October 1997
Cumulative GPA 2.047/4.0
**Worked full time to provide for financial needs for college

COURSEWORK: Highway Design and Construction, Senior CAD Project, Geotechnical Engineering, Traffic Engineering, Environmental Regulations, Reinforced Concrete Structures, Steel Design

DESIGN PROJECTS

Construction Site Erosion Control

Examined the types of erosion control practices used at a particular site. Determined critical onsite slopes.
Examined critical slopes for slope stability. Determined channel flow onto and off of the construction site.
Examined channel stability.

Senior CAD Design

Developed an area of land for a subdivision of 200 middle class homes. Determined the amount of flow onto the site. Determined the amount of flow created by the site after development. Designed the drainage for the site using the amount of flow and flow characteristics. Subdivision layout was designed using Microstation.

Airport Design

Provided recommendations for upgrades for the Tuscaloosa Municipal Airport to accommodate a regional cargo facility. This included studies of the ramps, runways, taxiways and the surrounding area. Determined the improvements necessary to fly Boeing 757s, including plans for longer runways, research on sound impact of cargo jets and whether sound barriers were needed, and environmental impact on the surrounding area. The design was created using AutoCAD.

EXPERIENCE

Murray Guard, Tuscaloosa, AL Shift Supervisor September 2002-Present Guard July 2002-September 2002

- Provided information and safety equipment to contractors.
- Conducted vehicle searches on all contractors, employees, and visitors entering/leaving the site.
- Delegated tasks to up to four people during the shift.
- Trained to promptly respond to all medical emergencies on site.
- Maintained record of all commercial vehicles entering/leaving the site.

University of Alabama, Tuscaloosa, AL Research Assistant August 2000-May 2001

- Determined vehicle headway through video surveillance at various intersections.
- Conducted traffic counts in the field to determine traffic volume.
- Determined the number of traffic violations in the field that occur at various railroad crossings.

Science and Engineering Library, Tuscaloosa, AL Librarian Assistant November 1993-May 2000

- Assisted patrons with locating research and study material.
- Responsible for minor maintenance of copiers, computers, microfilm viewers, and printers.
- Cataloged all returned library material and organized the study areas.

COMPUTER SKILLS

Microsoft Word, Excel, PowerPoint, HTML, Microstation, AutoCAD, RESA 3D, Computer Assembly, Networking

REFERENCES AVAILABLE UPON REQUEST

Carol A. Hillman

126 Saint Cloud Lane • Boca Raton, FL 33431
(561) 392-5566 • chill_76@hotmail.com

Education: Florida Atlantic University Boca Raton, FL
Masters of Science in Civil Engineering August 2003

Florida Atlantic University Boca Raton, FL
Bachelors of Science in Ocean Engineering May 2000

Experience: Naval Surface Warfare Center Dahlgren Division Dahlgren, VA
MECHANICAL ENGINEER November 2000- November 2001

- Computational Analysis
Use mathematical techniques, to model physical phenomena of the Vertical Launching System to evaluate potential problems.
- Computer Simulation
Perform CAD and FEA analysis using software programs such as Pro Engineer (CAD) and ANSYS (FEA).
- Data Collection
Gather weight data of the Vertical Launching System to assist in future restructuring of the Launching System to accommodate missiles of greater power.

SYSTEM ENGINEER

- Requirements Engineering
Capture SM-3 system requirements and allocate to functional and physical architecture of the system.
- Functional Modeling
Develop functional flow block diagrams of the SM-3 Guidance Section.
- Systems Engineering Tools and Processes
Gain knowledge of systems engineering tools such as RDD-100 and DOORS. Understand how tools are used to develop requirements, functions, and components of a system.

Florida Atlantic University Boca Raton, FL
RESEARCH ASSISTANT February 1999 – July 1999

- Maintain tank set-ups for geosynthetics.
- Collect data.
- Organize presentations.

Computer Skills: NAVCAD, MS Excel, MS Word, MS Power Point, C/C++ Programming, Matlab, Netscape Navigator, RDD-100, DOORS.

Professional

Organizations: American Society of Civil Engineers (ASCE), Society of Women Engineers (SWE).

Training: Foundation Skills for Professional Development, Technical Writing, Technical Briefing, Computer Based ACQ 101, Foundations of Systems Engineering.

Jinny Huang

616 Hilgard Ave., Los Angeles, CA 90024, 310-208-3242

jinnyh@ucla.edu

Objective

Seeking an internship to gain experience in the engineering field

Education

University of California, Los Angeles
Bachelor of Science in Civil Engineer

anticipated: June 2006

Experience

Sanitation Districts of Los Angeles County

Whittier, CA

June 2003 – July 2003

Student Worker

- Worked with the Financial Planning Department Supervisor and Computer Technology in reorganizing the process for billing customers through systems engineering and creating official documents
- Reverse engineered worksheets and documented the process to send to Computer Technology
- Evaluated data and performed a reduced water consumption analysis of county parcels to determine whether an owner qualified for a reduction

California Educational Centers – Vision Learning Labs

Artesia, CA

September 2001 – June 2002

Instructor

- Provide customer service by greeting parents and potential customers and acquainting them with our computer learning center
- Assisted up to 16 students (grades K-10th) with problems in math, spelling, reading, and comprehension
- Kept an active and fun environment for students by rewarding them with tokens for high scores

California Educational Center

Artesia, CA

February 2002 – June 2002

Office Assistant

- Responsible for all clerical duties: answering phone calls, making appointments for the president of the company, running errands to the post office and office store for the president, filing papers, using the company copy machine
- Prepared all documents for the president's next meeting with potential clients, sponsors, and parents

Private Instructor & Instructor's Assistant

June 2000- September 2001

- Tutored 10-12 student from grades K-6th grade in math, history, grammar, and spelling
- Prepared coursework and lesson plans each day to maintain an orderly and productive class
- Communicated with student's parents and day-time teachers to ensure the student's success in school
- Wrote out progress reports and evaluations of the students, which were sent to the parents by mail
- Created a positive learning environment for student by decorating the classroom with lively colors, children's poems, pictures of inspirational leaders, and student's exams

Activities

American Society of Civil Engineers of UCLA

September 2002 – present

- Secretary: attend all weekly officer's meetings, writing minutes and sending it to all officers
- Working with a team to build a concrete canoe and will row it during the annual ASCE conference
- Design Team - Concrete Bowling Ball Project

Gamma Phi Beta, Sorority, UCLA

September 2002 - present

- Historian: keep an up-to-date record of our events, members, and history

Society of Women Engineers of UCLA

September 2002 - present

- Social Chair: attend all general meetings, plan professor/student social, organize social events, co-hosting two general meetings a year and in charge of ice breakers for all meetings

Skills

Relevant Applications: MS Office, Excel, PowerPoint, Photoshop, Internet/E-mail

Foreign Language: English, proficient in spoken Chinese

AMANDA E. IRVIN
500 Snows Mill Avenue-#1110
Tuscaloosa, AL 35406
(205) 248-0023
amanda.estes@ua.edu

Education:

The University of Alabama, Tuscaloosa, AL - GPA: 4.0/4.0

Bachelor of Science: Civil Engineering

Expected Graduation Date: December 2003

Alumni Honors Scholar

Passed Fundamentals of Engineering (FE) Exam

President's List – 4 semesters

Dean's List – 8 semesters

Design Projects:

- Tuscaloosa area shopping facility
- Water resources systems
- Bridges and truss structures
- 1,600 SF Wooden Deck
- Souvenir launching device
- Overhead power distribution system

Work Experience:

Engineering Co-op Student

Brasfield & Gorrie, L.L.C., Birmingham, AL

Work periods: Fall 2000 and Summer 2001

- Healthcare Division-projects included medical office buildings and a parking garage
 - Managed transmittals, submittals, and RFI's for Senior Project Managers
 - Acted as point of contact for subcontractors
- Industrial Division-projects included publishing facility and freight warehouse
 - Managed transmittals, drawing packages, and bid information for Senior Project Managers and Senior Estimators
 - Performed detailed take-off of specific CSI divisions
 - Assisted in development of bid package

Professor's Homework Grader
Spring 2003

Forestdale Pharmacy, Birmingham, AL
July 1998-November 1998

Undergraduate Research Assistant
Spring 2001

Green World Garden Center, Birmingham, AL
March 1998-July 1998

Organizations and Awards:

- 2003 Billy Jones Memorial Traffic Engineering Scholar (ALSITE)
- 2002 Charles E. Alexander Transportation Engineering Scholar (ALSITE)
- Civil Engineering Department
 - Chi Epsilon-Chapter Officer
 - American Society of Civil Engineers (ASCE) – Vice-President in charge of Conference
 - Southeast Regional Conference Attendee 2002 and 2003
 - The 2002 Edgar Boyd Kay Award as the Outstanding Civil Engineering Junior
 - The 2001 George J. Davis Award as the Outstanding Civil Engineering Sophomore
 - Walters Civil Engineering Scholarship
 - Burl S. Watson Scholarship
- Tau Beta Pi
 - Tau Beta Pi Outstanding Senior Award (2003)
 - Tau Beta Pi Outstanding Junior Award (2002)
 - Tau Beta Pi Outstanding Sophomore Award (2001)
- Golden Key National Honor Society
- Society of Women Engineers
 - EEC Representative
 - Girl Scout Committee
- Alpha Lambda Delta Honor Society
- Phi Eta Sigma Honor Society

References available upon request.

BRAD JONES

1903 Hackberry Lane #12-A
Tuscaloosa, AL 35401
(205) 349-5837
bj1202ua@yahoo.com

OBJECTIVE: To obtain an entry-level position in the civil engineering industry with an emphasis in construction.

EDUCATION: **Bachelor of Science, Civil Engineering**
The University of Alabama, Tuscaloosa, Alabama
Expected Graduation Date: December 2002 – GPA: 2.6
Design Project (in progress) – planning and designing a research park for the University of Alabama

Course Layout (in progress)
CE 333 Reinforced Concrete
CE 459 Pavement Rehabilitation
CE 491 Construction Project Management
CE 478 Water Resources Engineering

EXPERIENCE: **Estimator/Project Manager**, January 2001 – present
Jeffco Concrete Contractors, Tuscaloosa, AL
Receive blue prints and highlight areas to be completed. Pull square footages of areas, create pricing sheet using Excel, and estimate square footage price of areas to be completed. Consult with other project managers regarding questions about areas to be completed. Calculate amounts of concrete, rebar, wire mesh, color, and other materials to be used on a job. Create job sheets using Excel for crews outlining the area to be completed, patterns, colors and directions to the job site.

Furniture Delivery Driver, August 1999 – May 2000
Posey Furniture Company, Florence, AL
Delivered furniture. Dealt with customers. Accounted for receipt of money.

Laborer, May 2000 – August 2000, May 1997 – August 1997
Craig Construction Company, Florence, AL
Operated dump truck, poured concrete, wrecked concrete forms, and other general labor duties.

COMPUTER SKILLS: AutoCAD, FORTRAN, RISA, MS Powerpoint, MS Excel, MS Word, Windows, Internet Explorer

REFERENCES: Available upon request

Veronica K. Loete

vloete@usc.edu

Current Address:
711 W. 27th St. #306
Los Angeles, CA 90007
(213) 764-9299

Permanent Address:
1443 Sheffield Dr.
Elgin, IL 60123
(847) 488-0942

Education BACHELOR OF SCIENCE ENVIRONMENTAL ENGINEERING
Expected Graduation May 2004
University of Southern California

Relevant Courses: Water Treatment Design, Water Quality Control, Air Pollution Control, Environmental Engineering Microbiology, Water Resources Engineering, Env. Fluid Mechanics, Engineering Economy

Work Experience ORIENTATION ADVISOR Jan.-Dec.2002
USC Office of Activities and Orientation

- Facilitated 2-day program for incoming students and parents over Summer 2002 (10 sessions total)
- Trained as academic advisor to freshmen and transfer students
- Selected as one of only 23 student advisors from entire university

FORESTRY INTERN June-Aug. 2001, May, Aug. 2002
City of Elgin, Illinois Parks and Recreation Department

- Planned and performed field measurements of city park land covering 700 acres
- Published 200 page report presenting findings
- Beautified animal habitats and walking paths in city zoo

Leadership Experience PRESIDENT May 2002-Present
Society of Women Engineers, USC Student Section

- Guided 9 member officer board in coordinating 5 events each month for 80 member section
- Represented SWE-USC at university, local and national level

ENGINEERING STUDENT AMBASSADOR Jan. 2001-Present
USC School of Engineering

- Coordinated student staff and volunteers to ensure coverage at admission programs, 2/week Spring of 2003, 6/week 2001-2002
- Provided unique USC student perspective to prospective students

Computer Experience Basic knowledge of C and Fortran 77 languages
Proficient in use of Windows 95/98/2000/XP and Microsoft Office

Honors & Activities Recipient, USC Presidential Scholarship
Participant, USC School of Engineering Overseas Program
Member, USC Ballroom and Latin Dancing Competitive Team
Member, Take Back the Night Planning Committee
Participant, USC Volunteer Center's Alternative Spring Break

CODY L. LONG
basscatchr7@bellsouth.net

Current Address:

1800 Crabtree Rd. Apt 106
Tuscaloosa, Alabama 35405
(205) 759-9613

Permanent Address:

P.O. Box 527
Sylacauga, Alabama 35150
(256) 245-7726

EDUCATION

Bachelor of Science: Civil Engineering

The University of Alabama, Tuscaloosa, AL
Graduated December 2002,
UA Cumulative GPA 2.25/4.0 CE Course GPA 2.73/4.0
Fundamentals of Engineering Exam passed April 2002

COURSEWORK

Surveying, Highway Design Construction, Traffic Engineering, Pavement Rehabilitation, Geology, Geotechnical Engineering, Structural Analysis, Steel Design, Reinforced Concrete Design, Environmental Engineering, Solid & Hazardous Waste Management, Construction Site Erosion Control, Construction Estimating Methods, Water Resources Engineering, GIS for Civil Engineers, Fluid Mechanics, Dynamics

EXPERIENCE

July 2002-
Present

Undergraduate Assistant

University Transportation Center of Alabama Tuscaloosa, AL
▪ Taught an AutoCAD Land Development Lab to undergraduate students

May 1998-
December 1999

Cooperative Education Student

Lucas Engineers Inc. Birmingham, AL

- Worked with project engineers on As-Built Drawings for Sewerage Pump Station, and Water Line Construction projects.
- CAD duties including detail sheets for erosion control, water line plan drawings using digitized ALDOT highway drawings
- Survey experience locating water tank centers, locating right of ways, and locating landmarks for water & sewer line project plans
- Worked on Stormwater sample testing from various outfalls in Jefferson County
- Helped research Stormwater pollution prevention plans for Jefferson County Stormwater Management Authority
- Digitized USGS topographic quad sheets using Microstation

July 2000-
July 2002

Retail Sales

Druid Auto Parts Inc. Tuscaloosa, AL

- General customer service duties

SKILLS

MS-Office, Lotus SmartSuite, Microstation versions 5 & 95, Microstation Reprographics, AutoCAD 2000, HCS 2000, Windows NT
Experienced in reading topographic and county tax assessor maps,
Familiar with Topcon Survey equipment

ACTIVITIES

Student Member American Society of Civil Engineers,
Student Member Institute of Transportation Engineers

REFERENCES

Available upon request

233 W. GLENDON WAY • SAN GABRIEL CA 91776
PHONE 626-274-6411 • E-MAIL JILLIANLY@HOTMAIL.COM

JILLIAN LY

OBJECTIVE

Seeking an entry-level position as a civil engineer.

EDUCATION

California State Polytechnic University Pomona

Pursuing a Bachelor of Science in Civil Engineering with the environmental option

- Expected graduation: December, 2003

RELATED COURSES

- | | |
|------------------------------------|---|
| • Hydraulic Engineering/Laboratory | Water Supply Engineering/Laboratory |
| • Structural Steel Design- LFRD | Groundwater Remediation, Contamination & Transportation |
| • Geotechnical Engineering | Industrial and Hazardous Waste Management |

SKILLS AND QUALIFICATIONS

- | | | |
|---------------------------|-------------|-----------------------------------|
| • Bilingual | Team Player | Able to Multi-task |
| • Able to take initiative | Team Leader | Knowledge of Microstation/AutoCad |

WORK EXPERIENCE

2001-Present **Southern California Gas Company** Los Angeles, CA
Senior Engineering Intern

- Update equipment location ID drawings
- Develop cost estimates for projects and procure technical equipment.
- Managing the standardization of gas quality equipment at the Company's Producers Sites

2000-2001 **State Farm Insurance** Temple City, CA
Marketing Associate

- Implemented and developed marketing strategies

1998-2000 **Cal Poly Pomona Annual Fund** Pomona, CA
Fundraising Telenarketer and Shift Leader

- Contacted Alumni and persuade them to contribute funds to the university
- Supervise, and motivate fellow student caller as a shift leader and assisted with hiring and training procedures.

EXTRACURRICULAR ACTIVITIES

American Society of Civil Engineers- Membership Chair, 02' **Environmental Engineering Club**- Vice President, 02'

Society of Women Engineers

Student Alumni Association

-Fundraising Chair, 00'

-Vice President of Student Programs, 00'

REFERENCES FOR JILLIAN LY

Frank Janger
Civil/Environmental Engineering Professor
California State Polytechnic University Pomona
3801 West Temple Ave
Pomona, CA 91768
909-869-2646
E-mail: fjjanger@csupomona.edu

Don Wells
Civil/Environmental Engineering Professor
California State Polytechnic University Pomona
3801 West Temple Ave
Pomona, CA 91768
(909) 869-2648
E-mail: dgwells@csupomona.edu

Nikki Khurana
Annual Fund Director
California State Polytechnic University Pomona
3801 West Temple Ave
Pomona, CA 91768
909-869-2922

Melissa Longo
Associate Director of Alumni Affairs
California State Polytechnic University Pomona
3801 West Temple Ave
Pomona, CA 91768
909-869-5010
E-mail: mjlongo@csupomona.edu

JOHN ANDREW McCARTNEY

3100 26TH Ave
Northport, Alabama 35476
205/339-6669
mccar005@bama.ua.edu

EDUCATION

Bachelor of Science: Civil Engineering
Minor: Computer Science
The University of Alabama, Tuscaloosa, Alabama
Expected Graduation: December 2003
FE Exam: Passed April 2003
Cumulative GPA: 3.34/4.0
Civil Engineering GPA: 3.29/4.0
Computer Science GPA: 3.42/4.0
Design Project: Designed a dam and water supply reservoir to meet water demand needs of residents of Fayette County, Alabama.

WORK EXPERIENCE

Field Office Engineer, November 2002 – present
Dawson Building Contractors, Tuscaloosa, Alabama
The University of Alabama Student Recreation Center Renovation
Responsible for handling submittals, maintaining the PROLOG database, contacting subcontractors, and assisting the project manager with various tasks.

Customer Service Representative May 1998 – November 2002
The University of Alabama Action Card and Telecommunication Services, Tuscaloosa, Alabama
Assisted customers with various Action Card (Student identification cards) and on-campus telecommunication needs, including production of identification cards, troubleshooting, processing telecommunication bill payments, and daily interaction with customers.

Server, June 2002 – November 2002
Cracker Barrel Old Country Store, Tuscaloosa, Alabama

COMPUTER SKILLS

C/C++, JAVA, FORTRAN, MS Word, MS Internet Explorer, MS Excel, AutoCAD, Netscape Navigator

HONORS/ACTIVITIES

College of Engineering Scholarship
Gamma Beta Phi National Honor Society
Golden Key International Honor Society
Chi Epsilon National Civil Engineering Honor Society
Dean's List: Fall 2000, Spring 2001
Student/Faculty Art Show participant, April 2002
American Society of Civil Engineers
The National Dean's List

REFERENCES

Available upon request

Marc McCracken

3304 28th Court
Northport, AL 35476
205-339-4382
bhunter2970@aol.com

Education

Bachelor of Sciences in Civil Engineering

Expected December 2006

The University of Alabama, Tuscaloosa, AL
2.0/4.0 cumulative GPA, 2.0/4.0 major GPA

Associates in Applied Sciences in General Business and Management

May 2001

Shelton State Community College, Tuscaloosa, AL
2.7/4.0 cumulative GPA, 3.5/4.0 major GPA

Experience

Worm Shack Sporting Goods, Inc. Tuscaloosa, AL

(1998-2001 & 2002-present)

Archery and Clothing Department Manager/Buyer

- Created marketing strategies and organized store promotional events
- Maintained inventories and placed orders for supplies and merchandise
- Handled customer complaints and special orders
- Helped increase sales \$40,000 in first year
- Worked to increase sales an average of 13% in the first quarter of 2003

Liberty National Life Insurance, Tuscaloosa, AL

(2001-2002)

Life and Health Insurance Agent

- Sold life and health products to new and existing clients
- Earned growth bonus first six months of employment
- Won sales contest in third quarter of employment
- Worked to ensure the well being of clients through personal sales and service

ST Bunn Construction, Inc., Tuscaloosa, AL

(summers 1995-1997)

Asphalt Lab Assistant

- Collected asphalt and materials samples
- Ran tests on collected samples to see if they met required specifications
- Assisted engineers on job sites to check grade work, compaction, and to ensure jobs met set guidelines

Skills

- MS Word
- MS Excel
- MS Windows 98
- MS Internet Explorer
- Written and verbal communication
- Typing
- Problem solving and multi tasking

DRAPER MCMILLAN

4814 Montevallo Road
Centreville, Alabama 35042
(205) 926-9416
DMc1355@aol.com

- Objective** To obtain a summer internship position in the civil engineering field with an emphasis in surveying.
- Education** **Bachelor of Science: Civil Engineering**
The University Of Alabama, Tuscaloosa, Alabama
Expected Graduation: December 2003
Cumulative GPA 3.84/4.0 CE GPA 4.02/4.0
- Pre-Engineering: Math**
University of Montevallo, Montevallo, Alabama
Attended: September 1998-May 2001
- Relevant Coursework** Civil Engineering Materials, Elementary Surveying, Geotechnical Engineering, Highway Design and Construction, Steel Design, Const. Methods and Estimating, Geometric Roadway Design, Route Surveying
- Experience** **Mail Courier**, December 2002-current
Alabama Power, Tuscaloosa, Alabama
Picked up and delivered all company mail. Sorted all incoming and outgoing mail. Assigned appropriate postage using meter machine.
- Manager of Metal Recycling Company**, August 1998-January 2002
D & D Salvage, Centreville, Alabama
Accounted for all material bought. Negotiated all price quotes with recyclers. Graded materials. Supervised and assigned daily work duties for employees. Performed all accounting duties. Kept all inventories. Operated scales and loaded trailers for transporting materials. Operated loader, bulldozer, knuckleboom loader, and backhoe.
- Computers** AutoCAD, Matlab, Word, Excel, PowerPoint, RISA-3D
- Leadership** Kappa Mu Epsilon, National Mathematics Honor Society
Chi Epsilon, National Civil Engineering Honor Society
Tau Beta Pi, National Engineering Honor Society
President's List
Student Engineer of the Year Nominee
Freshman Leadership Scholarship recipient, UM
Boys State Scholarship recipient, UM
Valedictorian Scholarship recipient, University of Montevallo
Bryant-Jordan Scholar-Athlete Scholarship recipient
John M. Gallalee Memorial Scholarship Fund recipient, UA
Jim Walter Resources Scholarship, University of Alabama
Alabama Concrete Industries Foundation Scholarship, UA
Member of American Society of Civil Engineers
Volunteer coach for Dixie Youth Baseball League, 1999-2001

Julie B. McNeil

P.O. Box 42649
Lafayette, LA 70504
(337) 277-4174 cell phone
(318) 267-3098 home/voicemail

jmcneil1@bellsouth.net



QUALIFICATIONS

- Strong writing and oral communication skills
- Strong organizational and leadership skills
- Vast amount of knowledge and experience in the areas of: environmental, health, & safety, transportation engineering, offshore marine construction and pipeline operations, IT communication networks, and State of Louisiana, and Dept. of the Interior, and Dept. of Transportation, federal and state regulatory compliance
- Technical skills include AutoCAD project management proficiency, fluid ability to interpret drawings, and design for mechanical, electrical, hydraulic, process flow and structural systems
- Proficient in composition of technical documents, engineering manuals, bids and specs, professional bulletins, training materials, accounting/mathematical, graphs, charts, reports, and presentations.
- Proficient expertise in the use of AutoCAD, Micro-Station, SYNCHRO (transportation), Word, Power Point, Adobe Premier, Access and Excel, Picture-Tel and Sony Video Conference Systems, programmable languages (dbase4, Visual Basic, Sybase, Focus, DOS) and workstation systems (Sun, Unix, Microsoft)
- Experience and training in the team concept approach, including facilitating focus groups, using time and change/flexibility management, and negotiation techniques
- Essential interpersonal skills and works with a cooperative team spirit
- Utilizes problem solving and analytical capabilities for decision making

EDUCATION

Civil Engineering, University of Louisiana at Lafayette
(B.S. degree May 2004)

DATE

1999

(to present)

ULL Business and Industry Training

- API RP T-1 and T-2 Surface Safety Device and Offshore Training
- McMilliam Water Survival, NFPA Fire School, HASWOPER Training
- API RP 75 Process Safety Management (OSHA 1910)
- EPA National Pollutants Discharge Elimination System (NPDES)
- LA DEQ "The Environment and You - Community Awareness"
- CERCLA Small Quantity Generator
- SARAH/CERCLA Hazard Comm. Community Right-to Know & Tier II
- SARAH/CERCLA Onsite Maint. and Closure of Non-Haz Waste Sites
- USL Productivity Center - AutoCAD® Certification

Certification not current

Certification not current

1994

1992

1990

1989

1989

1989

1984-1986

1980-1983

USL Industrial Technology Associate Program

- Red Cross Prof. Rescuer, Lifesaving, First Responder, Medic First Aid and CPR
- AMOCO Management Training and Continuous Improvement (CI)
- AMOCO In-house Training (Production, Drilling, Geology, & Reservoir. Eng.)
- Miami Dade Community College - Associate in General Studies
- Lafayette High School - Graduate

Certification current

1991-1995

1987-1996

1977-1980

1976

CURRENT WORK EXPERIENCE:

University of Louisiana at Lafayette, Information Technology & Media Services
(under the direction of Dr. Jean T. Kreamer, Ph.D.)

1999

(to present)

PAST WORK EXPERIENCE:

Amoco Production Company - Offshore & Onshore Division (now BP AMOCO) **1981 - 1997**
Sr. Grade Production Technologist and Regulatory Analyst

1. Communications / Mechanical / Construction Experience:

- My last position at Amoco was serving as a team member in the consortium project, with Amoco, Shell, Chevron, and Col. Gulf, to install a gulf-wide communication network.
- I served as a team member in the Offshore Construction Project Management Team, where I managed team organization, and prepared permitting documents. My member activities were to coordinate with outside consultant engineering firms, prepare segments of construction bids, establish project time lines, work with appropriation and costs tracking, and prepare MFDs, PFDs and hydraulic safety system data. I served as gatekeeper for Management of Change (MOC) processes and procedures in the voluntary compliance of OSHA 1910 (MMS – SEMP offshore project). Previous duties also included preparation of Surface and Subsurface Safety Device Control Systems permitting (23 CFR 250, Subpart O).

2. Experience w/ Environmental compliance and permitting requirements:

- Prepared water discharge and air emission permits, recycling and land reclamation programs, Oil Spill Contingency Plans, and coordinated training and education with TX A&M Oil Spill School Coordinator and Clean Gulf Associates. Administered and prepared the federal compliance permit and EPA reporting requirements for National Pollutants Discharge Elimination System (NPDES) and LADEQ Discharge Monitoring Reports.

3. Experience w/ Occupational, Health and Safety compliance and permitting requirements:

- Coordinated compliance of SEMP & HAZWOPER training, and was a member of the Incident Command Center.
- Prepared Accident/Incident Reports (DOTD, OSHA, USCG, MMS).
- Established documented procedures and compliance initiatives for Safe Burning and Welding Area permits, Confined Space Entry, Lock-out/Tag-out Procedures and Management of Change Processes, First Aid Training, Back Care Training Program, Fire Fighting Equipment and Nav-Aids, Personal Safety Equipment, Operating in a Potential H₂S Environment, Material Safety Data Sheets (MSDS), Emergency Escape, and Hurricane Evacuation Plans and Procedures.
- Submitted all pertinent federal regulatory compliance reporting requirements, incidents of non-compliance and inspection data to federal agencies (DOTD, EPA, OSHA, USCG, MMS).

OTHER EXPERIENCE

- Served on the American Petroleum Institute's (API) Committee for revisions to API RP 14-C (2nd, 3rd, 4th ed.) Safety Systems (OCS), and API RP 500, Area Classification for Electrical Installations (OCS), and also served on the task force for implementation of MMS SEMP program (OSHA 1910) for offshore voluntary compliance. (1989 - 1995)
- Served as a corporate representative/organizer in conjunction with AMOCO, the LA Nature Conservancy and LA Coastal Zone Management on the barrier reef island restorative project at Little Pecan Island, Louisiana.
- Served as a corporate representative/organizer in conjunction with AMOCO and LA Coastal Zone Management on a coastal restorative project at Bayou Savage.
- Served as a corporate representative/organizer in conjunction with AMOCO, and the Minerals Management Service to conduct the annual BeachSweep Cleanup project at several coastal locations.

COMMUNITY INVOLVEMENT

- Served as task force committee member, under Lafayette, Louisiana, Area-wide Metropolitan Planning Organization (MPO) for the Kaliste Saloom Road Sector Study; a comprehensive planning effort (ISTEA) with local government and citizen involvement. (1990-1992)
- Served as citizen advisory member, under the Dept. of Planning and Zoning Division, for "Moving Lafayette: Pedestrian and Bikeway Plan," Vol. I, and Vol. II.
- Served as project coordinator and instructor for the Cycling Safety Program administered to Lafayette Parish fifth-grade classes (1993-1997).
- Presently serve as a volunteer at the St. John's Cathedral Museum.

Papers Published:

- "Are We Driving Ourselves Into The Ground?", by Julie B. McNeil (1991) a research paper written for the Sierra Club® to promote alternate means of transportation and community awareness of ISTE legislation.
- "Cycling Fatality Statistical Analysis and Prevention", by Julie B. McNeil (1998) a research article written for Louisiana SAFE Kids Coalition®, published in vol. 52 (1998) to enhance awareness for bike safety education in elementary schools and to promote helmet law legislation.

Books Published:

- "ULL Proctor Guide for the Video Conference Classroom" (revised edition, September 2001, co-authored by Julie B. McNeil and Louis Diemertz, and edited by Jean T. Kreamer, Ph.D.), an instructional guide to tele-video conference system used in distance learning classrooms.
- "Family Camping", an informational text written and illustrated by Julie B. McNeil (1996) and published by The Boy Scouts of America.

Honors Received:

- Recipient of ULL 2002-2003 Who's Who of American Universities and Colleges
- Recipient of 2002-2003 John E. Chance & Associates Scholarship
- Recipient of 2002-2003 Southeastern Association of State Highway and Transportation Officials (SASHTO)/Max Nassar Scholarship
- Recipient of 2001-2002 Lafayette Chapter Rotary Club Scholarship

PROFESSIONAL ORGANIZATIONS

- Gamma Beta Phi Honors Society, member (1999-present)
- Louisiana Engineering Society (LES), student member (1999-present)
- National Society of Professional Engineers (NSPE), student member (1999-present)
- American Society of Civil Engineers (ASCE), student member (1999-present)
- Society of Women Engineers ULL Student Chapter (SWE), secretary (1999-present)
- Institute of Transportation Engineers ULL Student Chapter (ITE), secretary (2002-present)
- Current Member of the American Registry of Outstanding Professionals (2003)

PERSONAL HOBBIES AND ORGANIZATIONS

I have been involved in the Boy Scouts of America for the past 17 years with my two sons. I served as a Cub Scout Leader and Boy Scout Assistant Scoutmaster, Council Chairperson, Roundtable Trainer, and Merit Badge Counselor. I have also received the Woodbadge honor. I am a member of the Cathedral of St. John, the Evangelist Church, and volunteer in the St. John's Cathedral Museum, and St. John's Youth Group. I also enjoy weight training, aerobics, swimming, camping, canoeing, hiking, cycling, hunting, fishing, and sewing.

REFERENCES

Jean T. Kreamer, Ph.D.
ULL Media and Print Services
University of Louisiana at Lafayette
P.O. Box 40396
Lafayette, LA 70504
(337) 482-6780

Dr. Xiaoduan Sun
Civil Engineering
University of Louisiana at Lafayette
P.O. Box 42291
Lafayette, LA 70504
(337) 482-6514

Dr. Robert Wang, Ph.D.
Civil Engineering - ULL
P.O. Box 42291
Lafayette, LA 70504
(337) 482-6512

Everett R. "Skipper" Payne
BP Amoco - Offshore Div.
P.O. Box 5700
Houston, TX 77096
(713) 349-0525

1309 Riverside Drive
Tuscaloosa, AL 35401

Phone: (205) 349-0915
E-mail: grmehaffey@hotmail.com

Greg R. Mehaffey

Objective

To join classroom concepts with actual cases in the civil engineering industry through an entry-level position.

Education

Bachelor of Science

December 2002

Major: Civil Engineering

University of Alabama

Tuscaloosa, AL

Cumulative GPA: 3.64/4.0

Major GPA: 3.64/4.0

Work Experience

Surveyor

Goodwyn, Mills, and Cawood, Inc. Montgomery, AL summer 1998, summer 1999, and December 1999

Performed surveys in areas outside of Montgomery, such as Greenville, Eufaula, and Opelika. Operated surveying equipment and data-collector. Also assisted in compiling bid packages and attended proposal meetings.

Electrician Assistant

Crosby Electric Company, Inc. Montgomery, AL summer 1997

Installed indoor and outdoor piping systems and wiring for large construction projects.

File Clerk

The Tuscaloosa Radiology Clinic, LLC. summer and fall 2002

Delivered and acquired films from medical offices and hospitals in Tuscaloosa. Also performed clerical tasks.

Computer Skills

AutoCAD, Microsoft Word, Excel, PowerPoint, RISA

Honor Societies

Honors

Activities

Alpha Lambda Delta, National Honor Society

Phi Eta Sigma, National Honor Society

The National Society of Collegiate Scholars, National Honor Society

Chi Epsilon, National Civil Engineering Honor Society

Sigma Nu Fraternity

Alabama Triangle Association

Student Government Association Academic Advising Committee

Good Samaritan Volunteer

Hospice Volunteer

Lisa Nicole Melton

516 LOWES ST. • DAYTON, OH 45409
22261 HALLCROFT LANE • SOUTHFIELD, MI 48034
MELTONLN@NOTES.UDAYTON.EDU

OBJECTIVE

Seeking challenging permanent employment in the field of transportation/environmental engineering, to utilize strong technical skills and educational background for the benefit of the company.

EDUCATION

The University of Dayton
Civil Engineering, Bachelor of Science
G.P.A.: 3.25/4.00

Dayton, OH
May 2004

EXPERIENCE

HNTB Companies

Summer Co-op, Transportation Department • Summer 2003/Detroit, MI

- Completed runoff calculations for project sites
- Designed preliminary exhibits for the Ambassador Gateway project
- Construction management for roadway and bridge improvements
- Maintenance of project budgeting records

Summer Co-op, Transportation Department • Summer 2002/Dallas, TX

- Detour routing and Maintenance of Traffic (MOT) design plans
- Quantity calculations for final design roadway plans
- Networking within the Council of Engineering Companies (CEC) Intern Diversity Enhancement Program

CH2M Hill, Inc.

Co-op, Structures Department • August-December 2001/Dayton, OH

- Type, Size and Location (TS&L) calculations on retaining walls for the I-70/I-75 interchange project
- Drafting for the Wright Patterson Air Force Base hanger
- Final design quantity calculation for bridge super and substructure
- Maintenance of project budgeting records

Speedway SuperAmerica

Summer Co-op, Engineering & Construction Department • June-August 2001/Enon, OH

- Performed inspections of gas station construction sites
- Completed cost estimate packages for proposed sites
- Composed time charge out computer program through Visual Basics

Women in Engineering Summer Program

Summer Camp Counselor • July 2000 & 2001/Dayton, OH

- Served in a role model capacity to encourage your ladies to pursue the field of engineering
- Coordinated and supervised engineering themed learning activities with the group

QUALIFICATIONS

- Proficient in MS Office, AutoCAD, Visual Basics and Microstation/J
- Knowledge of InRoads and GeoPak design software
- Effective communication and presentation style

HONORS

- University of Dayton-Engineering Deans List
- Awards: NSBE Fellow-Board of Corporate Affiliate Scholarship • University of Dayton Presidential Scholarship • Martin Luther Kind Jr. Scholarship • NAMEPA Dupont Nation Engineering Scholarship • Minority Engineering Scholarship
- Induction into the National Society of Collegiate Scholars and Chi Epsilon

ACTIVITIES AND LEADERSHIP ROLES

- **National Society of Black Engineers (NSBE)** - Academic Excellence Chair (03-04) • Vice President (01-02) • Chapter Development of Programs (00-01)
- **Chi Epsilon**- President (02-03); Parliamentarian (03-04)
- **Zeta Phi Beta Sorority**-President (03-04) • Vice President (01-03) • Parliamentarian (02-04)
- **University of Dayton Neighborhood Fellow**-Resident Assistant (02-03)
- **Student Achieving in Research and Science (STARS)**-Participant
- **Toastmasters International**- Member

****Willing to Travel and Relocate****

LATASHA R. MERCHANT

lr_merch@hotmail.com

Current Address:
Box 860085
Tuscaloosa, AL 35486
(205) 347-6570

Permanent Address:
624 Center Place South West
Birmingham, Alabama 35211
(205) 254-3325

- Education** **Bachelor of Science: Civil Engineering**
The University of Alabama, Tuscaloosa, Alabama
Expected Graduation: May 2004
GPA 2.984
- Related Coursework** Surveying, Civil Engineering Materials, Structural Analysis, Geotechnical Engineering, Highway Engineering, Environmental Engineering, Water Resources Engineering, Structural Steel Design, Reinforced Concrete Structures
- Computer Skills** MS Word, MS Excel, MS PowerPoint, Windows 95/98/00/XP, Internet, AutoCAD, RISA
- Related Experience** **Design Project, Fall 2003**
Design and preparation of plans for dam and water supply reservoir on the North River in Fayette County, AL. Structural design of spillways and outlet works and assessment of roadway sites.
- Work Experience** **Office Assistant, August 2000-2002**
The University of Alabama, Tuscaloosa, AL
Department of Professional Studies
Assisted departmental staff with program applications, paperwork, faxing, and filing. Interacted with faculty members and ran errands.
- Cashier/Sales Associate, Summer 2000**
Waccamaw's Homeplace, Birmingham, Alabama
Sales associate in linens department. Customer service, interacted with peers, repackaging, and maintained stock in area.
- Camp Counselor, Summer 1997 and 1999**
Camp Birmingham, Birmingham, Alabama
Counselor to 5 and 6 year old campers. Coordinated and supervised camp activities including camp songs, arts and crafts, and educational programs.
- Activities/Volunteer** American Society of Civil Engineers
Society of Women Engineers (Girl Scout Engineering Day Committee)
National Society of Black Engineers
Circle K International
Habitat For Humanity
Tuscaloosa YMCA
Bryce Hospital
- References** Available upon request

Justin Midgette
9600 Scenic Hills Drive
Semmes, Alabama 36575
(251) 649-3705
ljustinm@bellsouth.net

CAREER OBJECTIVE

A position in the field of Civil Engineering

EDUCATION

Bachelor of Science, Civil Engineering, December 2004
University of South Alabama, Mobile, Alabama

RELEVANT COURSEWORK

Computer Aided Design	Construction Engineering	Transportation Engineering
Mechanics of Materials	Engineering Dynamics	Trenchless Technology Seminar

EMPLOYMENT EXPERIENCE

Assistant Plumber, 1997-1998

Joe Geil Plumbing Company, Mobile, Alabama

- Assisted with design and construction of pipelines on residential and commercial sites

Construction, Summer 2002

Corley Construction Company, Mobile, Alabama

- Assisted welders and repaired machinery at local plants

Engineering Internship, September 2002 – January 2003

Mobile Engineering Inc., Mobile, Alabama

- Trained food service facilities on the grease control program implemented by Mobile Area Water and Sewer Service (MAWSS). Assisted in the proper sizing and inspection of grease traps.

Partner, January 2003-

A.J. Inspections, Mobile, Alabama

- Formed a business in which I perform grease trap inspections, fill out required inspection forms, and advise food service facility owners on the proper methods of grease trap maintenance.

COMPUTER SKILLS

AutoCAD Power Point Excel Word Fortran Internet

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineering

CAMPUS INVOLVEMENT

ASCE Southwest Regional Conference, 2003

Sigma Chi National Fraternity, 2000-2003

References available upon request.

JARROD D. MILLIGAN

19745 Gorgas Road
Northport, AL 35476
(205) 339-9764
Milli004@bama.ua.edu

- OBJECTIVE** To obtain entry level position in the civil engineering field with a future in management.
- EDUCATION** **Bachelor of Science: Civil Engineering**
The University of Alabama, Tuscaloosa, Alabama
Expected Graduation: December 2002
Cumulative GPA 2.9/4.0
Design Project: Capstone Research Center
- Bevill State Community College, Fayette, Alabama
Cumulative GPA 3.5/4.0
Honors/Activities: Deans List
Excellence in Engineering Award
Pi Theta Kappa
SGA
- COURSEWORK** Surveying, CE Materials, Structures, Geotechnical Engineering, Highway Design, Water Resources, Steel Design, Environmental Engineering, Wood Structures, Hazardous Waste Management, Reinforced Concrete, and Construction Methods and Estimating.
- EXPERIENCE** **Creative Construction Company**, Northport, Alabama
December 2001-September 2002
- Applied basic carpentry skills to remodeling and framing of residential housing.
- RaCon Inc.**, Tuscaloosa, Alabama
May 1998-June 2001
- Accounted for surveying and grade checking on job sites.
Operated equipment: Scraper, bulldozer, and compactor/roller.
Assisted in laying pipe.
- COMPUTER SKILLS** **Operating Systems:** Windows NT
Languages: FORTRAN
Programs: Microsoft Excel, Microsoft Word, Microsoft Powerpoint
- REFERENCE** Available upon request.

YUKIO NARA

Mailing Address: P.O.Box 864465 Tuscaloosa, AL 35486
Home Phone:(205) 347-3736 E-mail: yukio_nara@hotmail.com

Objective

To acquire an entry-level position as an engineer, with an interest in environmental engineering.

Education

Bachelor of Science: Civil and Environmental Engineering

University of Alabama, Tuscaloosa, Alabama

Expected graduation date: December 2002

Current GPA: 3.1/4.0 Passed Fundamentals of Engineering Exam, April 2002

Certification

- Environmental Certification, accredited by the University of Alabama Fall, 2002
- Lead Analyst, proficient in the analysis of lead in soil, dust, and paint chip in accordance with the American Industrial Hygiene Association Summer, 2002

Academic Honor and Activity

- Member of American Society of Civil Engineer (ASCE) Fall, 2001 – Present
- Member of Chi Epsilon National Honor Society Fall, 2001 – Present
- Member of National Dean's List 2002 May, 2002

Relevant Course Work

Steel Design	Designing a Landfill	Statistics
Structural Analysis	Reinforced Concrete	Water & Waste Water Contaminants
Fluid Mechanics	Environmental Engineering	Water Resource Engineering
Highway Design	Hazardous Waste Management	
Air Pollution	Special Problem Effect & Fate Hazardous Chemicals	

Computer Skills

AutoCAD, Mat-lab, MS Word, MS Excel, MS Power point, MS Works, Internet, RISA modeling
Windows 2000

Course Projects

- Water Resources: Designed drinking, storm, and sewer water distribution systems for a city.
- Structural Analysis: Designed and constructed a weight-effective bridge made out of balsa woods.
- ASCE Competition (South East Conference): Designed and constructed a balsa bridge with structural analysis and RISA computer modeling.
- Waste Contaminant Facilities: Designed a landfill in accordance of geo-technical analysis and present a report with AutoCAD implement.
- Waste Water Treatment: Designed a septic system of a four-bedroom house.

Work Experience

Lead Analyst (May, 2002 – Present)

Safe State Environmental Program, University of Alabama, Tuscaloosa, AL

- Analyzed for lead contamination in soil, dust wipe, and paint chip samples.
- Established an operation program and database of Quality Control with statistical data analysis.
- Conducted a field inspection of lead in paint chip with a certified inspector.

Japanese-English Translator (September, 2001 – Present)

Alabama Productivity Center, University of Alabama, Tuscaloosa, AL

- Translated Japanese and English for a local company in Alabama for obtaining latest products from a Japanese company in Tokyo, Japan. Visited the vender company in Japan for a business meeting and made a report of the meeting. Also, helped to invite business personals of the vender for a business meeting at the campus.

Head Waiter (September, 1999 – November, 2001)

Tokyo Japanese Steak House, Tuscaloosa, AL

- Provided prompt and courteous service to customers of the Japanese steak house.
- Managed other co-waiters to create an effective work environment.

Customer Service Representative (September, 2001 – Present)

University of Alabama, Tuscaloosa, AL

- Provided courteous service to the residents at a front desk for the housing department of the university.

Angela Nolan

6452B Cedar Bend Court
Mobile, Alabama 36608
(251) 343-9506
nolana@cityofmobile.org

CAREER OBJECTIVE

A position in the field of Civil Engineering

EDUCATION

Bachelor of Science, Civil Engineering, December 2004
University of South Alabama, Mobile, Alabama

EMPLOYMENT EXPERIENCE

Student Intern, Fall Semester 2002

Mobile Engineering, Incorporated
Mobile, Alabama

- Worked with Mobile Area Water & Sewer Services to implement new Grease Control Program for local food service facilities.
- Trained restaurant owners and operators on best ways to minimize grease output from their facilities, and calculated the size grease traps needed for each individual building.

Environmental Technician, Spring & Summer 2003

Taylor Engineering, L.L.C.
Daphne, Alabama

- Created Construction Best Management Practices Plans for erosion control on construction sites registered with Alabama Department of Environmental Management.
- Sampled well water under guidelines of Florida Department of Environmental Protection.
- Installed computer hardware and troubleshoot system problems.

Partner, A.J. Inspections, January 2003-present

Mobile, Alabama

- Created a business with one other partner that helps restaurants remain in compliance of the city's new Grease Control Program.
- Develop customized Best Management Practices plans for grease control, and write Actions Plans describing their details to Mobile Area Water and Sewer Services (MAWSS).
- Conduct inspections on grease traps under MAWSS guidelines to help facility owners maintain them.
- Control all accounting, expenses, public relations, and advertising for the company.

Cooperative Education Employee, September 2003-present
City of Mobile Traffic Engineering Department

- Educate and correspond with local residents who requested Traffic Calming in their neighborhoods.
- Conduct studies to determine the need for Traffic Calming in various areas.
- Work directly with a Traffic Engineer to learn the methods and processes surrounding road design and construction, traffic flow and control, signal installation, code development, and law enforcement.

COMPUTER SKILLS

AutoCAD Microsoft Word Microsoft Excel PowerPoint

PROFESSIONAL AFFILIATIONS

Society of Women Engineers, President of Student Chapter
American Society of Civil Engineers, Vice-President of Student Chapter

HONORS AND AWARDS

Alabama Air & Waste Management Association 2003 Environmental Scholarship

References Available Upon Request

JASON A. PARTAIN

3611 Rice Mine Rd NE Lot #154

Tuscaloosa, AL 35406

(205) 758-2038

jaypartain@netscape.net

OBJECTIVE

To obtain an internship in structural engineering before attending graduate school.

EDUCATION

The University of Alabama, Tuscaloosa, AL

Bachelor of Science: Civil Engineering

Expected Graduation: May 2003

Major GPA: 3.61/4.0

Passed Fundamentals of Engineering Exam, April 2002

EXPERIENCE

Intern, Summer 2001-present

Gulf States Paper, Engineering Department, Tuscaloosa, AL

Work with Land Development, Civil Design, and Survey software daily. Have developed full surveys, legal descriptions, construction designs and plans, and presentations of designs. Have done land grading, worked on residential developments, and calculations for developments with moderate excavating.

Intern, Spring 2001

Cabaniss Engineering Inc., Tuscaloosa, AL

Worked with survey software to develop legal surveying documents. Researched and planned surveys and residential developments.

Engineering Co-Op, Summer Semester, 2000

DCH Regional Medical Center, Engineering Department, Tuscaloosa, AL

Maintained and updated complete system of construction plans. Composed several drawings of future renovation plans using AutoCAD. Worked with people from other companies including inspections for various utilities.

COMPUTER SKILLS

MS Word, MS Excel, MS PowerPoint, AutoCAD, Windows, FORTRAN, RISA

HONORS/ACTIVITIES

American Society of Civil Engineers, VP of Operations

President's Cabinet Award

Alabama Lacrosse Team

Tutor for Engineering Mechanics

Captain of Concrete Canoe Team

Steel Bridge Team

Best Straw Bridge

REFERENCES ARE AVAILABLE ON REQUEST

ANDREA QUINN PAYNE

P.O. Box 861743, Tuscaloosa, AL 35486

Home: (205) 349-3288

Mobile: (205) 790-3089

E-mail address: andrea@fastglass.net

Education

The University of Alabama, Tuscaloosa, Alabama

Bachelor of Science: Civil Engineering

Expected Graduation Date: May 2004

Higher Education GPA: 2.9/4.0

Samford University, Birmingham, AL

Bachelor of Arts: Psychology

Graduation Date: May 1995

GPA: 3.08/4.0

Experience

Aug 02 - present **Student Daystaff**, University of Alabama, National Alumni Association, Tuscaloosa, AL

- Assists in preparing alumni correspondence
- Assists office supervisor with incoming traffic and calls
- Assists office supervisor with duties revolving around student callers

Jan 01- Aug 02 **Cooperative Education Student**, Almon Associates, Inc., Tuscaloosa, AL

- Assisted project director in design and drafting, using MicroStation CAD program, of sewer and water utilities for various clients, including the city of Tuscaloosa and surrounding cities
- Prepared blueprints for contractor bidding
- Assisted engineer in design, preparation, and presentation of large sewer systems
- Assisted in survey work for a consultation project
- Assisted engineer in assessing the capabilities of pump stations and water works systems for clients

Aug 99 - May 00 **Resident Assistant**, University of Alabama Residential Life

- Supervised freshman residents at Smith Woods residential facility
- Created interactive programs for residents
- Enforced residential life regulations
- Generally assisted residents with adjusting to life on campus

Jan 99 - Aug 99 **Work/Study Student**, The University of Alabama, Dept. of Metallurgical and Materials Engineering

- Assisted in preparation of budget reports
- Assisted office supervisor
- Intercepted incoming calls, handled incoming correspondence for dean

Computer Skills

Software: Microsoft Windows Operating System, Microsoft Office Package, AutoCAD, MicroStation

Operating Systems: Microsoft Windows Operating System

Internet: Various Client Email Systems, Various Web Search Engines, Understand Various Web Browsers

Honors

Member of the Month, Society of Women Engineers, December 2002

Member of the Month, Society of Women Engineers, September 1999

Activities

President, Society of Women Engineers (Spring 2002)

Vice President Outreach, Society of Women Engineers (Fall 2001)

Secretary, Society of Women Engineers (Fall 2000 - Spring 2001)

Chair, Fundraising, Society of Women Engineers (Fall 1999 - Spring 2000)

Member, American Society of Civil Engineers

LENA PERRIN

OBJECTIVE: To further my knowledge in the area of Civil Engineering.

EXPERIENCE:

06/02-09/02 *Department of Transportation and Development
Lafayette, LA*

Co-op Student

- Prepared two proposals for overlay projects
- Drafted projects using Microstation

06/03-09/03 *Department of Transportation and Development
Lafayette, LA*

Student Worker

- Worked on overlay projects from previous summer
- Prepared design projects
- Field work with engineers

EDUCATION:

09/00-Present *University of Louisiana at Lafayette
Lafayette, LA*

Civil Engineering

- Expected Graduation date December 2004
- GPA 3.2
- Nominated for the National Dean's List, 2000-2003
- Civil Engineering Junior of the year, 2002-2003

ORGANIZATIONS:

- ❖ Chi Epsilon Honor Society-President(03-04), 2002-Present
- ❖ Society of Women Engineers-Secretary(03-04), 2003-Present
- ❖ American Society of Civil Engineers-Secretary(03-04), 2002-Present
- ❖ Louisiana Engineering Society-2003-Present

COMMUNITY SERVICES:

- ❖ Math Counts-Proctor, 2003
- ❖ Science Olympiad-Bridge Competition Judge, 2003
- ❖ Engineering Day-Tour Guide, 2003

SKILLS AND ABILITIES:

- ❖ AutoCAD, Microstation, Microsoft Office

HOBBIES:

- ❖ Aerobics, jogging, riding horses, riding four wheelers, cross stitching.

REFERENCES UPON REQUEST

LORI R. POOLE

14637 Romulus Road
Coker, AL 35452

205.339.8028
rober075@bama.ua.edu

OBJECTIVE: To obtain an entry level civil engineering position.

SUMMARY OF SKILLS

- Experience composing and designing survey plats and layouts
- Adept in using the Internet, Power Point, MS Word, Excel, and AutoCad

EDUCATION

Bachelor of Science degree in Civil Engineering, December 2003
The University of Alabama, Tuscaloosa, Alabama

- Major GPA: 2.92/4.00
- Passed Fundamentals of Engineering Exam, April 12, 2003
- ACIPCO Engineering Scholarship
- Echols Engineering Scholarship
- Tuscaloosa County Rotary Club Scholarship
- Tuscaloosa County Elk's Lodge Scholarship
- Tuscaloosa County Exchange Club Scholarship
- University of Alabama Supply Store Book Scholarship
- University of Alabama Bama Belle (football recruiting hostess)
- Alabama Society of Civil Engineers

CAREER RELATED EXPERIENCE

Senior Design Project

Fayette County Dam and Reservoir on North River

- Selected project site, determined river hydrology, drainage basin, and down stream flow rates
- Designed reservoir volume to comply with water demand and submitted proper EPA permits

Drafter and Survey Crew Member

Mullins and Associates, Tuscaloosa, Alabama; May 2000 – May 2001

- Designed subdivision layouts and septic layouts, worked with survey crew when needed
- Analyzed field data to create survey drawings and prepare legal descriptions

Runner and Information Compiler

Herndon, Hicks, Montgomery, and Associates, Northport, Alabama; May 1998 – May 2000

- Received survey orders and researched deed and title information
- Maintained prompt delivery of completed materials

OTHER WORK EXPERIENCE

Bartender

Wings Sports Grille, Tuscaloosa, Alabama; May 2001 – Present

Sales Clerk

The Limited, Tuscaloosa, Alabama; November 2002 – Present

Sales Clerk

The Gap, Inc., Tuscaloosa, Alabama; October 2000 – June 2001

REFERENCES

Available upon request

Bradley Porter

17025 Romulus Church Road, Buhl, AL 35446

(205) 339-0225

porte001@bama.ua.edu

Education

Bachelor of Science: Civil Engineering
The University of Alabama, Tuscaloosa, Alabama
Expected Graduation: December 2003
GPA: 3.3/4.0

Course Work

Geotechnical Engineering, Foundation Engineering, Civil Engineering Materials, Civil Engineering Fluid Mechanics, Introduction to Environmental Engineering, Reinforced Concrete Structures, Elementary Surveying, Dynamics, Mechanics of Materials, Fluid Mechanics, Highway Design and Construction, Structural Analysis, Structural Steel Design, Planning and Design of Airport Facilities, Construction Methods and Estimating, Calculus I, II, & III, Differential Equations, Physics I & II, Fundamentals of Electrical Engineering

Work Experience

Herndon, Hicks and Associates Inc., Professional Land Surveyors
Northport, Alabama

April 1999-present

- Computer Drafting using AutoCAD 2002 (Boundaries, Closings, A.L.T.A., Alternative Septic Designs, Subdivisions)
- Property Boundary Calculations using AutoCAD and Maptech
- Assist in Calculation and Design of Subdivisions
- Percolation Test for Septic System Design
- Assist Engineer in Alternative Septic System Design
- Experience on survey crew as rodman and instrument man
- Assist Engineer in Inspection on Highway Compaction Test
- Research Government Records (State Highway Department, County Records, Individual Records, and Local Government Records)
- Operating Experience with: Topcon GTS 303 Total Station
Zeiss Ni 2 Level

Stamps Grocery
Fosters, Alabama

June 1997-April 1999

- Stocked Items
- Worked on and repaired various equipment around the store
- Cut the grass

Shelton State Community College
Tuscaloosa, Alabama

Summer 1997

- Cut the grass around the main campus and two other campuses around town
- Work on the construction of the atrium at the main campus

Computer Skills

AutoCAD
Maptech - COGO (Coordinate Geometry)
MS Word
MS Excel

Honors and Activities

Chi Epsilon, Nation Civil Engineering Honor Society
ASCE, American Society of Civil Engineers
Deans List

Spring 2002-present
Fall 2002-present
Spring 2003

Home address:
70 Preusser Road
Craryville, New York 12521
quinbn@rpi.edu

School address:
Wiltie 201B 1999 Burdett Ave
Troy, NY 12180
(518) 276-3615

Nicole E. Quinby

Education

2002 - present Rensselaer Polytechnic Institute Troy, NY
Civil Engineering

- Member Alpha Phi Sorority- Historian
- Member Panhellenic Council- Panhel Relations Committee Head
- Member Society of Women Engineers

1997-2002 Taconic Hills Central School Craryville, NY
Regents Diploma

- Graduated top ten in class
- National Honor Society
- Vice President

Awards received

New York State Department of Transportation Scholarship

Columbia County Highway Department Scholarship

Dollars for Scholars Scholarship

Taconic Hills Faculty Association Scholarship

Work experience

Summer 2002 NYS Dept. of Transportation Chatham, NY
Transportation Construction Inspector

- Full-time summer employment
- Duties included assistant to chief engineer, concrete and earthwork testing, and the inspection of bridge construction.

1999 - 2002 Jack's Village Market Philmont, NY
Cashier

- Part-time position
- Maintained high grades while working and playing sports

Extracurricular activities

Bloodmobile Volunteer

Member, Taconic Hills Band

DARE Role Model

Chemistry Tutor

Varsity Softball shortstop, received Coach's Award

1309 Riverside Dr.
Tuscaloosa, AL 35401

Phone (205) 349-0915
E-mail:
russroberts43@hotmail.com

RUSSELL M. ROBERTS

Objective	An entry-level position in the civil engineering industry with a future in management.		
Education	December, 2002	University of Alabama	Tuscaloosa, AL
	Bachelor of Science in Civil Engineering		
	Minor: Mathematics		
	▪ Cumulative GPA: 2.70		
	▪ Major GPA: 2.96		
Work experience	May, 2002 - Present	Delivery Express	Northport, AL
	Delivery Driver / Dispatcher – processed and delivered food orders		
	May, 2001 – August, 2001	Dillards	Tuscaloosa, AL
	Handyman – was responsible for doing odd jobs around the store as well as assisting customers		
	August, 2000 – November, 2000	Ruby Tuesday	Northport, AL
	Waiter		
	May, 1999 – August, 1999	AAA Cooper	Dothan, AL
	File Clerk		
	November, 1997 – June, 1998	Tony's Italian Restaurant	Dothan, AL
	Waiter		
	August, 1996 – January, 1997	McAlister's Deli	Meridian, MS
	Waiter		
	Summers of 1995, 1996, 1997	Shamburger Surveying	Magnolia, AL
	Assistant – worked under Robert Shamburger surveying property lines		
Computer Skills	DOS and Microsoft programs such as Word, Excel and Powerpoint. Experience using AutoCAD, PCSWMM, RISA and Means Estimating Software.		
Scholarships	Nelson Endowed Scholarship		
	Supply Store Book Scholarship		
References	Available upon request		

PAMELA SALAS

ppsalas@scu.edu

Current Address
SCU-2446
500 El Camino Real
Santa Clara, CA 95053
(408) 551-1274

Permanent Address
1484 Valota Road
Redwood City, CA 94061
(650) 367-1878

OBJECTIVE To obtain an internship in the civil engineering field.

SKILL HIGHLIGHTS *Computer:* Windows 98/2000/XP, Microsoft Word, Excel, PowerPoint, Mathcad, Autocad, Ironcad, Visual Analysis & Acrobat
Language: Fluent in spanish

EDUCATION **Santa Clara University**, Santa Clara, CA
Bachelor of Science in Civil Engineering, June 2005

Honors and Awards: Santa Clara University Grant, 2001-2004
America West Airlines Education, 2001
Ronald McDonald House Scholarship, 2001
Beavers HC Scholarship: CE award & recognition, 2002-03
George and Mark Nicholson Memorial Scholarship: CE award, 2002 -04

EXPERIENCE **Prada Massage**, Redwood City, CA Summer 2001-2003
Administrative Assistant

- Improved/organized business budget and customer account(s).
- Increased clientele through promotions and advertising.
- Maintained superior customer satisfaction

Dispatch America, San Mateo, CA Summer 2003
Customer Service

- Set up new accounts and made 50+ reservation daily
- Multi-tasked with 60+ daily calls in a fast paced environment
- Dispatched calls to medical hospitals, San Mateo County, and 100+ companies
- Transcribed appointments & memo's onto computer

Superstar Video, Redwood City, CA Feb. – Oct. 2000
Customer Service

- Efficiently dealt with customers and opened new accounts
- Inputted information onto computer system
- Maintained organization on sales floor

ACTIVITIES *Secretary* - Society of Women Engineers (SWE)
Member - American Society of Civil Engineers (ASCE)
Member - Chicanos and Latinos in Engineering and Sciences at Santa Clara University (ChALESS)
Volunteer - Saint Anthony's: organized toys for 2 weeks and passed them out to 200+ children on Christmas Eve.
Volunteer - Pregnancy Care Center
Volunteer - Early Childhood Center: worked with special needs children

MEGAN SCURLOCK

Local: 555 Vallombrosa Ave. #10 Chico, CA 95926 (530)898-9653

Permanent: 6315 Woodman Dr. Oroville, CA 95966 (530)589-1635

mscurlock@mail.csuchico.edu

OBJECTIVE

To obtain a career position as a Civil Engineer utilizing the knowledge gained from my degree and previous work experience.

EXPERIENCE

1996-present **United States Forest Service** Oroville, CA
Student Engineer

- Design of Fire Engine Garage
- Supervisory Responsibilities
- Surveying
- Assistant Inspector (road reconstruction, boat ramps, campground restorations)
- Assisted in GIS
- Cost Estimating
- Accounting
- AutoCAD Design

Summer 2000 **Oroville Little League** Oroville, CA
Softball Umpire

- Home plate and base umpire for girls softball teams between the ages of 7 and 15.

Summer 1997 **YMCA Oroville, CA**
Lifeguard/Swim Instructor

- Instructed swim classes of various levels and ages.
- Obtained Water Safety and CPR training..

EDUCATION

1998-present **California State University, Chico** Chico, CA

- Bachelor of Science in Civil Engineering, Dec 2003
- Business Minor in Production & Operations Management.

INTERESTS

Society of Women Engineers, American Society of Civil Engineers, coaching high school basketball, playing intercollegiate basketball, playing softball, hiking and exploring the outdoors.

KELLY STIMPSON

102 Windham Circle
Lafayette, Louisiana 70503
(337) 654-6883
oceanbreeze@poetic.com

OBJECTIVES

To become an essential part of a team and to successfully complete any task requested by my superiors.

EXPERIENCE

2003-present Britt, Sarkies & Associates, Inc. Lafayette, LA
(Offshore Consulting Firm)

Office Manager

- Payroll: prepare timesheets, invoices to BSA for consultant, invoices from BSA for services rendered, and checks.
- Answer multi-line phones.
- Data input (Microsoft Excel).
- Preparation of consultant resumes.
- Filing.

2002-present ilisting.com Lafayette, LA
(Real Estate Agency)

Call Center Operator

- Answer multi-line phones.
- Data input (Microsoft Access).
- Set up appointments for real estate agents to show homes.

2001-2001 Maintenance Design Group Houston, TX
(Specialty Consulting Firm)

Administrative Assistant

- Answered multi-line phones.
- Aided in preparation of Formal Reports presenting Project Plans.
- Filing, organize equipment library, and data input (Microsoft Word and Excel).

Houston, TX
Lafayette, LA

File Clerk, Paralegal Assistant, and Relief Operator

- Answered multi-line phones.
- Filing, data entry, and preparation of files.
- Placed/received phone calls to/from clients, other attorneys, court, etc.
- Prepared correspondence and pleadings.
- Trained other file clerks and paralegal assistants.

EDUCATION

Lafayette, LA

SOCIETIES

Member of :

- American Society of Civil Engineers (ASCE)
- Institute of Transportation Engineers (ITE)
- Society of Women Engineers (SWE)
- Louisiana Engineering Society (LES)

MISCELLANEOUS

Computer Knowledge: Microsoft Office Professional, Quickbooks, and Microstation. Type 70+ wpm.

PRAMODH SUNKARI

308 Grace Street Apt# 248, Tuscaloosa, AL 35401-1638

(W) (205)-348-0258 (H) (205)-345-8084 Email: pramodh_sunkari@yahoo.com

OBJECTIVE

To pursue a challenging and exciting career opportunity in a comprehensive transportation engineering organization in Highway Design and Traffic Engineering.

SUMMARY

- Over 3 years experience in the field of Transportation Engineering.
- 1 ½ years experience working for Alabama Department of Transportation (ALDOT).
- Research Assistant for University Transportation Center of Alabama (UTCA).
- Masters Candidate in Transportation Engineering from the University of Alabama.

EDUCATION

Master of Science in Transportation Engineering (M.S), Graduation date 5/1/2003
The University of Alabama, Tuscaloosa, AL. (GPA 3.125)

Bachelor of Civil Engineering (B.E), May 2001
Andhra University (GITAM), Visakhapatnam, India. (GPA 3.5)

PROFESSIONAL INTERESTS

Signalized intersections, Traffic signal control systems, Traffic safety, Highway capacity, Traffic simulation, Intelligent transportation systems, Geographic Information Systems, Optimization Software.

CERTIFICATION

Engineer-in-Training (EIT) Certification, December 2002.

ACADEMIC EXPERIENCE

- Graduate Research Assistant for Dr. Andrew Graettinger (January 2002-current). University Transportation Center of Alabama, Tuscaloosa, AL. Researched the feasibility of Geofoamed plastic bottles to develop an economical type of crash cushion. Tested the material and did a comparative analysis of the strength properties and impact studies of the material in accordance with the NCHRP Report 350. Currently working on research for Masters thesis.
- Graduate Research Assistant for Dr. Daniel Turner (August 2001 - December 2001). ALDOT, Tuscaloosa, AL. Calculated vertical and horizontal curves for alignment of roadways and ramps for projects in the Tuscaloosa city. Developed spreadsheets and macros to calculate and plot roadway elevations and to calculate drainage flow rates for any depressed roadway. Gained experience with writing Project Study Reports. Set up spreadsheet of traffic counts, conducted counts, manipulated and analyzed all traffic data.
- Graduate Research Assistant (January 2002 - May 2002) ALDOT, Tuscaloosa, AL. Examined the traffic impacts associated with development of a discount superstore.

- Graduate Research Assistant for Dr. Derek D Williamson (August 2001-current), University of Alabama, ALDOT, Tuscaloosa, AL. Worked on "Air Quality Monitoring in Alabama".
- Undergraduate Project (June 2000 - May 2001) concerning the "*Study of urban area growth in spatial context using Remote Sensing Data - a case study of Visakhapatnam*". Land Use and LandCover Mapping with the help of Remote Sensing techniques to evaluate the urban growth in spatial context.
- Undergraduate Project (January 2000). Performed the Origin and Destination Studies in the city of Visakhapatnam, India. Studied the feasibility of constructing a by-pass route based on the traffic count statistics of NH-5 and Naval Dock road.
- Hands on experience with Traffic monitoring equipment "Autoscope" and Global Positioning System (GPS) units like Trimble, Garmin, etc

Graduate in-class projects, The University of Alabama, August 2001-present

- *Accident trend identification and investigation*: Critical Analysis Reporting Environment Software (CARE) was used and crash records for Alabama were analyzed, trends and statistics were obtained to aid ALDOT in designing an accident reduction program.
- *Analysis and correction of high accident locations (HAL)*: This project analyzed traffic reports for an intersection in Tuscaloosa and determined the related causes of accidents, illustrated collision diagrams, proposed feasible countermeasures, analyzed these measures from benefit-cost ratio studies.
- *Roadside accident cost-effectiveness assessment*: As a part of resurfacing, restoration, and rehabilitation projects, a computer program ROADSIDE developed by AASHO was used to estimate the pre and post collision speeds, general behavior, and direction of travel of the vehicles.
- *Accident Reconstruction*: Reconstructed a real-life collision of two cars that occurred at a major intersection in Tuscaloosa County. Traffic Accident Reports from police department were used as reference. Site visits principles of dynamics were used to determine the pre and post collision speeds, general behavior of the drivers involved, and direction of travel of the vehicles.
- *Intersection delay studies*: Adopted HCM 2000 field procedure to study and calculate the control delay per vehicle and level of service for each lane group of a selected intersection on UA campus.
- *Accumulation parking study*: Performed accumulation and generation studies of selected parking lots in the University of Alabama (UA) campus to determine peak parking demand, hourly variations, and plotted parking accumulation curves for different categories of parking spaces. The study was intended to identify the existing conditions and propose appropriate measures to enhance parking facilities in the UA campus.

- *Traffic Volume Study*: Evaluated the operational efficiency at a signalized intersection on UA campus and recommended measures to improve performance of the intersection. Analyzed queue lengths, flow rates, percentage volume distributions, pedestrian and bicyclists usage, and peak hour factors.
- *An Evaluation of Electronic payment systems (EPS) in Transportation*: Studied the "smart card" technology that is behind the EPS. Identified the relevant case studies and potential benefits of using EPS in Transit and Toll Collection operations. Presented a statistical summary of EPS technology and benefits.
- *Analysis of Crash site locations in Tuscaloosa City*: Used GIS's Arc View Software and the city's Link-Node map to create a GIS application layer for crash site locations in Tuscaloosa City, downtown region. Integrated spatial and non-spatial attribute information in order to facilitate the query, access and updating data for future use.

TECHNICAL PAPERS/PROJECT REPORTS

- Dr. Derek D. Williamson, Sashidhar Chidanamarri and **Pramodh Sunkari**, (December 2001) "Air Quality Standards in Alabama" for Jefferson, Shelby and Tuscaloosa Counties as per the Clean Air Act (CAA) Recommendations. Report submitted to ALDOT, December 2001.
- Dr. Andrew Graettinger, **Pramodh Sunkari**, (Jan-2002) Submitted a project proposal to the Research Advisory Committee (RAC) Grant to the Office for Sponsored Programs on the topic "Applications of Geofoam in Transportation Engineering".

COMPUTER SKILLS

Languages: C, Fortran.

Air Quality Modeling Software: Mobile-6.0

Applications: MS Excel, Office, PowerPoint, Word.

Operating Systems: DOS, Windows 95/98/2000/XP.

GIS Tools: Arc View (Arc GIS 7.x), Arc Map, Arc Info, Arc Catalog, 3D Analyst.

Traffic Software's: Critical Analysis Reporting Environment (CARE); GEOPAK; Highway Capacity Software (HCS 2000); Roadside Design Guide; SimTraffic; Synchro.

Others- AutoCAD 2002; GPS; Minitab; File management; Land Development; Stat Graphics.

MEMBERSHIPS

- American Society of Civil Engineers (ASCE)
- Institute of Transportation Engineers (ITE)
- National Society of Professional Engineers (NSPE)
- International Students Association (ISA), UA

REFERENCES

Available upon request.

ALEXANDRA ADAMS TAYLOR

1914 University Boulevard
Apartment 4E
Tuscaloosa, AL 35401

205-750-0936

taylo036@bama.ua.edu

Objective

To obtain a full-time position in January of 2003 within the field of civil engineering with an emphasis on structural and/or environmental engineering. I am willing to relocate for this position.

I passed the Fundamentals of Engineering Exam and plan to obtain my P.E. license. I am also considering the possibility of attending graduate school in the future.

College Education

University of Alabama - Tuscaloosa, AL
Bachelor of Science, Civil Engineering
Minor: Environmental Engineering
Expected Graduation Date: December 2002
Overall GPA: 3.2/4.0

Relevant Skills

Microsoft Office, FORTRAN, AutoCad, Drafting, Surveying, RISA, RS Means, EPANET, Photography

Work Experience

Jan 2001 - Present	Music Library Assistant - U of A Maintained music library desk, reserve area, videotapes, CDs and headphones; aided patrons; shelved and arranged books; troubleshot VCRs, CD players and record players.
May 2002 - Aug 2002	Intern at McKee Foods - Chattanooga, TN Managed projects both alone and in conjunction with other project managers; performed daily construction site visits; selected contractors; etc.
Aug 2002 - Dec 2002	Grader for DR125 and DR 133, AutoCad classes - U of A Graded computer and hand drawn assignments.
June 2000 - Aug 2000	Intern at Georgia Power - Atlanta, GA Created databases; performed circuit analyses; assisted with miscellaneous duties.
Aug 1999 - Dec 2000	Assistant Photography Director and Staff Photographer <i>Crimson White</i> , campus newspaper - U of A <i>Corolla</i> , campus yearbook - U of A Processed film; prepared photos for printing; scheduled photo sessions; photographed various people, places and things; sold yearbooks; performed various office duties.

Honors

Dean's List - 2000, 2001, 2002
John W. Hager Memorial Scholarship
Georgia Power Scholars Scholarship
College of Engineering Scholarship
Waldrop Outstanding Athlete Scholarship
University Honors Scholarship

Activities

SGA Information Services Committee
Secretary, American Society of Civil Engineers
Member, American Society of Civil Engineers
Member, Chi Epsilon, CE honor society
Member, Gamma Beta Phi, honor society
On screen credit as stills photographer

KENNETH W. TODD

Current Address:
150 Rice Mine Rd. H203
Tuscaloosa, AL 35406
(205) 342-9933
kennyt2c@msn.com

Permanent Address:
1769 Williamsburg Ln.
Tuscaloosa, Alabama 35406
(205) 758-0113

- Objective** To obtain an entry-level position in civil engineering with an emphasis in construction and design.
- Education** **Bachelor of Science: Civil Engineering**
The University of Alabama, Tuscaloosa, Alabama
Expected Graduation: May 2004
Cumulative GPA 3.0/4.0 CE GPA 3.4
Design Project: Fayette County Dam of North River
Applying Fundamentals of Engineering Exam, Oct. 2003
- Natural Science: Pre-Engineering**
Covenant College, Lookout Mountain, Georgia
Transferred
- Experience** **Engineering Intern, Summer 2003**
McAbee Construction, Inc., Tuscaloosa, AL
Aided in organizing and bidding large projects with Alabama Power, Durr Industries(Hyundai Plant, Mercedes Plant). Estimated job costs for piping, structural, and mechanical jobs. Worked directly with a project manager.
- Sales Employee, Jan 2000-May2000**
Bass Clothing and Shoe Company, Inc., Chattanooga, TN
Advised and assisted customers. Operated cash register and managed stockroom and inventory.
- Computer Skills** AutoCAD, Java, Mat Lab, RISA, html, Internet Explorer, Netscape, Navigator, Microsoft Windows 95-XP, Word, Excel, Power Point, Outlook
- Leadership** American Society of Civil Engineers, Chapter President
Covenant College Soccer Varsity 1999-2001
Assistant Soccer Coach, Central High School 2003, Tuscaloosa AL
Assistant Soccer Coach, Bryant High School 2004, Tuscaloosa AL
Volunteer with Inner City Housing Development, Chattanooga TN
- References** Available upon request

Katie Marie Vaughn

716 Sable Lane
Northport, AL 35473
(205) 339-4239
vaugh023@bama.ua.edu

Objective

To obtain an entry-level position in civil engineering field.

Experience

April 2003 – present City of Northport Northport, AL
Engineering Intern
Draw typical sections sheets, plan and profile sheets, and cross section sheets in Microstation. Assist the public when questions arise about the public's property, sewer stub, or minimum building lines. Observe tests for subdivisions.

July 2002 – April 2003 Cabaniss Engineering Inc. Tuscaloosa, AL
Student Draftsman
Downloaded points from what the survey crew had found. Drew in Eagle Point and AutoCad boundary surveys and closing surveys for mortgage companies. Answer questions about clients drawings.

July 2001 – July 2002 The University of Alabama Tuscaloosa, AL
Telecommunications Operator
Directed calls to appropriate personnel within the University community. Answered questions and gave directions to various offices around the University. Updated the directory information on faculty and staff.

May 1998 – June 2001 Flatwoods Baptist Day Care Northport, AL
Child Care Director
Managed the needs and childcare of infants. Oriented new parents to childcare services.

Education

The University of Alabama Tuscaloosa, AL
Bachelor of Science: Civil Engineering
Expected Graduation Date: December 2003
Cumulative G.P.A. 3.638
Professional G.P.A. 3.852
Senior design project: Build a dam on North River and a reservoir for Fayette County. Will use topographical maps to review the site and current roadways. Determine what type of structural and transportation needs will have to be met. Use power point for my presentations.

Shelton State Community College Tuscaloosa, AL
Core curriculum coursework, no degree obtained.
Cumulative G.P.A. 3.80

Engineering Classes

Fall 2003: Water Resources, Reinforced Concrete, and Geotechnical Engineering

Computer Skills

IBM: Word, Excel, AutoCAD, Eagle Point, Microstation, Power Point, Internet Explorer

Activities

American Society of Civil Engineers, Society of Women Engineers, Gamma Beta Phi Society, and Vice President of Chi Epsilon Honor Society.

References

Available upon request.

MALENE ABENA WATSON

virtuous_woman@yahoo.com

2910-H Steeple Chase Lane

Montgomery, AL 361167

(334) 244-0940

EDUCATION

Master of Science: Environmental Engineering

Rice University, Houston, Texas, 2002

Thesis: The Fate of Phosphonate Inhibitors in Oil & Gas Reservoirs: Validation of the SqueezeSoft™ Computer Program

Bachelor of Science: Chemical Engineering

The University of Alabama, Tuscaloosa, Alabama, 2000

Senior Design Project: Simulation of a Propylene Oxide Production Plant

Fundamentals of Engineering (FE or EIT) Exam, Certified August 2000

Environmental Engineering Certificate

Cooperative Education Certificate

EXPERIENCE

Environmental Engineer, CH2M Hill, Montgomery, Alabama

02/02–present **Water Business Group:** assisted with the design of a comprehensive watershed database template for the Alabama Clean Water Partnership; populated database, assembling land use map, modeling pollutant load to watershed, and developing watershed management plan for the Middle and Lower Tallapoosa river basins; will participate in a pollutant load trading pilot study; provided technical review of a consumer confidence report for the City of Portsmouth, VA; will develop wetland/environmental education center, implement best management practices, and provide support for the development of a dissolved oxygen TMDL for 303(d) listed segments in the Catoma Creek watershed; supporting the susceptibility analysis for a ground water source water assessment program for the Water Works and Sanitary Sewer Board of the City of Montgomery; and providing general technical support for water resource management projects.

Energy, Environment, & Systems Business Group: assisted with research to maintain the water use classification for Five Mile Creek. Supported the white paper preparation for the PCB TMDL on Choccolocco Creek.

Research Assistant, Rice University, Department of Civil & Environmental Engineering, Houston, Texas

08/00 – 02/02 **Brine Chemistry Consortium:** investigated the adsorption/desorption hysteresis of phosphonate at low inhibitor concentrations, performed column studies to simulate a squeeze treatment, evaluated SqueezeSoft™, a scale prediction program, and presented conclusions at the Rice University Brine Chemistry Consortium meeting (12/01).

Engineering Intern, Shell Chemical Company (Westhollow Technology Center), Houston, Texas

05/00 – 08/00 **Analytical Chemistry:** supported the Shell Higher Olefins Performance (SHOP) research group with various gas chromatograph analyses. Received Shell Vantage award for excellent analytical support.

Research Student, The University of Alabama, Dept. of Civil & Environmental Engineering, Tuscaloosa, Alabama

06/99 – 05/00 **Metal Adsorption Project:** evaluated the ability of pulverized peanut hulls to remove selected heavy metals from wastewater. Results presented in the Journal of Waste Management.

10/98 – 07/99 **ADEM Project:** monitored the water quality of local streams for the Alabama Department of Environmental Management (ADEM) by taking water samples in the field and further analyzing them in the laboratory.

Co-op Student, Shaw Industries, Incorporated, Dalton, Georgia

05/98 – 08/98 **Analytical Laboratory:** updated test methods for company quality certification program, supported manufacturing with various analytical tests, investigated customer claims of poor product performance.

08/97 – 12/97 **Dye Process Engineering:** conducted a variety of quality control tests and pre-maintenance checks to insure that only high quality carpet was manufactured and shipped to customers.

01/97 – 06/97 **Environmental/Safety Engineering:** audited plants for EPA banned chemicals, surveyed noise levels in manufacturing facilities, and assisted with SARA 312 reporting.

AWARDS & HONORS

- AIChE Technical Paper Contest (3rd Place; Spring Regional Conference 2000)
- ALCOA Scholarship (1996 – 2000)
- DuPont Academic Excellence Award (NSBE National Conference 2000)
- G. R. Brown Fellowship (2000 – 2001)
- NASA Space Grant Consortium Scholar (1999 - 2000)
- National Consortium of Graduate Degrees for Minorities in Engineering & Science Fellow (GEM) (2000 – 2001)
- NSBE Officer of the Year (1999 – 2000)
- NSBE Member of the Year (1995 – 1996)
- NSBE Torchbearer Award (1995 – 1996 & 1999 - 2000)
- Shell Oil Company Scholar (1999 - 2000)
- Shell Vantage Award (Summer Intern 2000)
- Who's Who Among Students in American Universities & Colleges (1999 - 2000)

COMPUTER SKILLS

- ArcView GIS, AutoCAD, HTML, Lotus Smart Suite, MathCad, Microsoft Office (Access, Excel, PowerPoint, and Word)

PROFESSIONAL AFFILIATIONS

- American Institute of Chemical Engineers (1999 – present)
- American Water Works Association (2002 – present)
- Black Graduate Student Association (2000 – 2002)
- Graduate Student Association (2000 – 2002)
- National Society of Black Engineers (1994 – present); Assistant Finance Chair (1995 – 1996), Secretary (1999 - 2000)
- Native American Student Association (2000 – 2002); Treasurer (2000 – 2002)
- Society of Women Engineers (1999 – 2000)

PUBLICATIONS

- Peanut Hull Pellets as a Single Use Sorbent for the Capture of Cu(II) from Wastewater (Waste Management, 2002)
- Mechanisms of Mineral Scale Formation (Presented at the 2002 International SPE Conference)
- Effect of Hydrate Inhibitors on Oilfield Scale Formation and Inhibition (Presented at the 2002 International SPE Conference)
- Comprehensive Water Quality Database for the Clean Water Partnership (Presented at the 2002 AWRA Conference)

Ravindra Wijesundera

803 12th Avenue Apt. 2
Tuscaloosa, AL 35401

Phone (daytime): 205-348-0195
Phone (evening): 205-342-9815
Email: wijes001@bama.ua.edu

Objective	To serve as a transportation engineer utilizing my education and skills.	
Qualifications Summary	<ul style="list-style-type: none"> • 4.0 GPA in graduate studies at the University of Alabama. • Planned and conducted world's first large-scale wet-night test of pavement markings. • Two years of experience as a graduate research assistant at the University of Alabama. • Three years of experience as an associate transportation engineer/ research assistant at the Center for Transportation Studies of the University of Moratuwa, Sri Lanka. • Experience in using Highway Capacity Software, ArcView, SPSS, Ms Office, AutoCAD. 	
Education	Master of Science in Civil Engineering Major -Transportation Engineering	University of Alabama, USA. Graduation: August 2003
	Master of Engineering in Civil Engineering Major -Transportation Engineering	University of Moratuwa, Sri Lanka. Graduated: June 2001.
	Bachelor of Science in Civil Engineering	University of Moratuwa, Sri Lanka Graduated: May 1998.
Related Courses	University of Alabama	
	Geometric Design of Roadways Traffic Safety Intelligent Transportation Systems Statistical Applications in Civil Engineering	Traffic Engineering Urban and Transportation Planning GIS Applications in Civil Engineering Optimization Theory
	University of Moratuwa	
	Transport System Planning and Operation Introduction to Transportation Engineering Construction Management and System Engineering Geotechnical Engineering	Transportation Demand Modeling Surveying Industrial Economics Design of Structural Elements
Research Experience	Research Assistant, University of Alabama	August 2001 – present
	Thesis Research: Dry and Wet Testing of Pavement Markings Successfully completed world's first large-scale retroreflectivity test of pavement markings under wet-night conditions. In addition, estimated service life of pavement markings, performed life cycle cost comparisons and established a correlation between wet and dry retroreflectivity to determine the best types of pavement markings for Alabama highways.	
	<ul style="list-style-type: none"> • ITS/CVO Business Plan for Alabama Assisted in developing ITS/CVO Business Plan for Alabama that is aimed at improving efficiency, safety, and productivity of commercial vehicle operations. Conducted literature review, performed data analysis, and involved in report writing.	
	<ul style="list-style-type: none"> • Development of a Set of Trip Generation Models for Colombo Metropolitan Region Developed a set of home-based work, home-based school, and home-based social trip generation models to forecast travel demand for the Colombo metropolitan region in Sri Lanka using SPSS.	

Work Experience	Associate Transportation Engineer / Research Assistant Center for Transportation Studies, University of Moratuwa Sri Lanka. Growth Center Planning Study: Collaborated with a group of experts that developed transport plan for a new sub-urban growth center. Planned and supervised traffic surveys, performed trip generation analysis based on land-use plans, conducted a traffic impact study, designed a traffic management scheme, and involved in preparing transport master plan for the growth center. Intersection Studies: Successfully completed an intersection evaluation study that resulted in 5 to 20 percent reduction of average delay at eight signalized intersections. Conducted classified vehicle counts, queue length studies, speed measurements, and signal timing calculations. Traffic Impact Study: Supervised traffic surveys, performed traffic demand estimations, network analysis, benefit-cost evaluations as a part of a proposed construction of an expressway. Modify Accident Data Collection Form: Modified Sri Lanka's accident data collection form used for 30 years and thereby reducing the time taken to fill the form by 5 minutes. Road Accident Data Analysis: Analyzed crash data for Sri Lanka to identify trends and causal factors of road accidents. Two research papers were published based on these analyses. Road Safety Audit: Prepared a checklist and conducted a safety audit on a 5-mile section of a major arterial road to identify existing safety measures and needs for improvements. Design Road Network: Designed internal road network for a 1,500- unit housing development.	June 1998 – July 2001
Research Papers	Authored and published seven transportation research papers since 1998. Two research papers received awards of merit.	
Awards	Best research paper in transportation engineering - 2000, "Analysis of Trends in Accident Rates in Sri Lanka," Chartered Institute of Transport, Sri Lanka. Best undergraduate research project in transportation engineering - 1998, "Optimum Spacing of Center Median Openings for Divided Roads," University of Moratuwa, Sri Lanka. Best student in sports and academics - 1998 – University of Moratuwa, Sri Lanka.	
Professional Memberships	Associate Member – Institute of Transportation Engineers. Student Member – American Society of Civil Engineers.	
Computer Literacy	Proficient in using Highway Capacity Software, ArcView 8.2, SPSS, AutoCAD, Minitab, Ms Word, Excel, Access, PowerPoint. Programming languages: Visual Basic 6	
Sports	Represented Sri Lanka with distinction in chess at two international Chess Olympiad events in 1992 and 1996.	

JONATHAN McCULLOUGH WILLIAMS

jonathan.williams@ua.edu

Permanent Address:
2405 Etowah Street
Tarrant, AL 35217
(205) 841-0125

Mailing Address:
500 Snows Mill Avenue #1101
Tuscaloosa, AL 35406
(205) 243-5953

- Objective** To obtain a position in Civil Engineering, specializing in Transportation
- Education**
- Master of Science in Civil Engineering**
The University of Alabama, Tuscaloosa, AL
Cumulative GPA: 4.000/4.000
Expected Graduation, August 2004
 - Bachelor of Science in Civil Engineering, May 2003**
The University of Alabama, Tuscaloosa, AL
Cumulative GPA: 3.182/4.000
 - Passed Fundamentals of Engineering Exam, Spring 2002**
 - FAA Certificated Private Pilot, Instrument Rating**
- Experience**
- MAY 2003 -
PRESENT
Graduate Research Assistant
The University of Alabama, Tuscaloosa, AL
Work with Dr. Jay Lindly to update highway pavement inspection procedures for state and federal highways inspected by the Alabama Department of Transportation. Work with Dr. Charles Haynes collecting topological data at all airports licensed by the Alabama Department of Transportation.
 - SEPTEMBER 2001-
MAY 2003
Undergraduate Research Assistant
The University of Alabama, Tuscaloosa, AL
Work with Dr. Charles Haynes researching runway pavement degradation and remaining life at all airports licensed by the Alabama Department of Transportation. Development of an online airport licensure system. Surveying lab instructor. Oversee surveying lab and equipment.
 - JANUARY 2000-
AUGUST 2002
Co-Op / Intern (Estimator, Assistant to Project Manager, Rodman)
Bill Harbert Construction / B.L. Harbert International, LLC, Birmingham, AL
Estimating for hard bid and design-build projects utilizing Timberline Estimating Software. Review of shop drawings. Coordination between architect, prime contractor, and subcontractors. Structural and interior construction layout utilizing Leica T-1600 Total Station, basic surveying equipment, and Tripod Data Systems Data Collection.
- Computer Skills** AutoCAD, ArcView, Highway Capacity Software (HCS2000), MiniTab, Microsoft Office, MicroPaver, Tripod Data Systems (TDS), Timberline Estimating Software
- Leadership** American Society of Civil Engineers, Chapter President, Vice President, Golf Chair
Chi Epsilon National Civil Engineering Honor Society, Vice President
Civil Air Patrol, 2nd Lieutenant
University of Alabama "Million Dollar Band," Member (undergraduate)
- Scholarship** Alabama Road Builder's Scholarship recipient (graduate)
Dean's List
Mississippi Valley AGC Scholarship recipient (undergraduate)
AmSouth Bank Scholarship recipient (undergraduate)
Department of Civil Engineering & College of Engineering Scholarship recipient (undergraduate)
National Alumni Association Scholarship recipient (undergraduate)
First Priority / Jerome Barker Memorial Scholarship recipient (undergraduate)
- References** Available upon request

KALYAN CHAKRAVARTHY YELLAPU
1214 12th Street, Apt#51, Tuscaloosa AL 35401
PHONE: 205 292 7929(Cell) 205 345 6660(Home) 205 348 0195 (office)
E-MAIL: kalyan_ykc@hotmail.com

OBJECTIVE

To secure a challenging position in the field of Transportation Engineering with special interest in Planning, Geometric Design and Traffic Engineering.

EDUCATION

University of Alabama, Tuscaloosa, Alabama (August 2001 – Present)

Master of Science in Civil Engineering, Transportation Engineering

Graduation Date: December 2002

GPA: 3.9/4.0

Osmania University College of Engineering, Hyderabad, India (August 1997-May 2001)

Bachelor of Civil Engineering

GPA: 3.6/4.0

National Institute of Information Technology, Hyderabad, India (May 2000 – May 2001)

Tools of Quality Management

National Institute of Information Technology, Hyderabad, India (June 1997-May 2000)

Professional Diploma in Network Centered Computing

RELATED COURSES

Urban Transportation Planning, Geometric Design of Highways, Traffic Engineering, Traffic Safety, Intelligent Transportation Systems, Optimization Theory, Transportation Engineering, Traffic Flow Theory, Advanced Transportation Engineering, Transportation Lab, Neural Fuzzy Networks, Engineering Statistics, C++.

RESEARCH PROJECTS

➤ *Evaluation of Pavement Marking Retroreflectometers for Alabama:* Evaluated the retroreflectometers in field, evaluated their relative usefulness and productivity, and developed a methodology to implement the expected FHWA standards using the most suitable devices. This research project was done for Alabama Department of Transportation

➤ *Evaluation of Profile Pavement Markings for Alabama:* To provide a quantitative assessment of the effectiveness and usefulness of “profiled pavement marking” and a comparison to profiled pavement marking to flat thermoplastic markings. This research project was done for Alabama Department of Transportation

➤ *Parking Supply And Demand at One of the Central Business districts of Hyderabad, India:* Reported a detailed analysis of parking characteristics on the selected links of central business districts in Hyderabad, India. Developed guidelines for finalizing appropriate control measures based on a comprehensive analysis of parking lots and parking accumulation.

...Continued

KALYAN CHAKRAVARTHY YELLAPU

WORK EXPERIENCE

University Of Alabama, November 2001 – present

Tuscaloosa, AL

Graduate Research Assistant, Working on the research projects for Alabama Department of Transportation, which includes Evaluation of Pavement Marking Retroreflectometer for Alabama and Evaluation of Pavement Marking.

CADD INFOSYS, April 2001 – August 2001

Visakhapatnam, INDIA

Area Manager, Worked as area manager in Civil Engineers CADD INFOSYS, which gave training to civil engineers in AutoCAD and various other software related to civil Engineering.

OTHER WORK EXPERIENCE

UAPD, August 2001 – November 2001

Tuscaloosa, AL

Worked part time as a Parking Lot Monitor for University of Alabama Police Department

KEI, April 1998 – April 2001

Hyderabad, INDIA

Worked part time as Mathematics Instructor in Krishnamurthy Educational Institute, Hyderabad India

COMPUTER SKILLS

AutoCAD, GIS, HCS2000, CARE 6.0, Roadside 5.0, Minitab, Microstation, Unix, C, C++, VC++, MS Word, MS Access, MS Excel, MS PowerPoint, DBMS, DOS, Local Area Networks, Windows NT, Networking Essential, RDMS Sybase SQL server, Software Engineering, Visual basic 6.0, Developing COM Components using Visual C++ 6.0, HTML, Scripting, Dynamic HTML.

PUBLICATIONS/PRESENTATIONS

- Dr. Jay K. Lindly, Kalyan Yellapu, and Thitipat Supriyasilp “*Evaluation of Retroreflectometers*” University Transportation Center for Alabama (UTCA), September 2002.
- Kalyan Yellapu “*High Performance Concrete*” Indian Institute of Technology, Kharagpur, India

PROFESSIONAL AFFILIATIONS AND LEADERSHIP

- Associate Member, Institute of Transportation Engineers, January 2001 - present
- President, Vinayaka Youth Association, Hyderabad, India, April 1997 – April 2001
- Chief Organizer, Alumni Association of Osmania University, Hyderabad, India, June 1998- March 2001

REFERENCES AVAILABLE ON REQUEST

MEGHAVARDHAN REDDY GOVINDU

308 Grace Street, Apt#247
Tuscaloosa, AL 35401

(205) 292-3112
govin001@bama.ua.edu

Objective	Seeking a challenging position in the field of Civil/Transportation Engineering to leverage my educational and research skills in planning, designing, and other Civil/Transportation Engineering related jobs	
Education	The University of Alabama, Tuscaloosa, AL, 08/2000 - Present Master of Science (M.S.): Civil Engineering Major: Transportation Engineering, Major GPA= 4.0/4.0 Osmania University, Hyderabad, AP, INDIA, 10/1996 - 05/2000 Bachelor of Engineering (B.E.): Civil Engineering, Top 2% in a class of 60	
Research Experience	Graduate Research Assistant, The University of Alabama, 08/2000 - Present <i>Potential Applications of Low Cost Video Technology for Traffic Management and Safety in Alabama, 08/2001- Present</i> <ul style="list-style-type: none"> Implemented video technology like Automated video enforcement, Variable Message Signs for violation notification, Mobile video units for intersection analysis, and Compositional traffic counting, on pilot scale projects to ensure agencies in Alabama employ video technology to its fullest potential without encountering costly mistakes <i>Emergency Evacuation during Extreme Weather Events for the Gulf Coast of Alabama, 05/2001 - 08/2001</i> <ul style="list-style-type: none"> Reviewed and evaluated the existing procedures for emergency evacuation in Alabama Made recommendations for the use of advanced technologies to enhance the existing methodology for evacuation during an extreme event Performed optimization of emergency evacuation alternatives, using OREMS (Oak Ridge Evacuation Modeling System) simulation software, to recommend the safest and most efficient evacuation routes <i>Short Courses, 01/2001 - 05/2001</i> <ul style="list-style-type: none"> Prepared a short course on the 2000 edition of MUTCD (Manual on Uniform Traffic Control Devices) Assisted in the preparation of a short course on the 2000 edition of HCM (Highway Capacity Manual) <i>15th Street Corridor Modeling, 08/2000 - 01/2001</i> <ul style="list-style-type: none"> Traffic data collection using video Data cleaning including delay and headway computations Undergraduate work, Osmania University, 09/1999 - 11/1999 <ul style="list-style-type: none"> Participated in traffic studies, involving manual data collection of traffic, with DB-HATS II, sponsored by HUDA (Hyderabad Urban Development Authority) and organized by Center for Transportation Engineering, Regional Engineering College, Warangal, India 	
Publications	Andrew J. Graettinger, John McFadden, Govindu , and Ramgiridhar Kilim, " <i>Potential Applications of Video Technology for Traffic Management and Safety in Alabama</i> ", University Transportation Center for Alabama (UTCA) report 00463, 11/2002 (Submitted for review) Daniel S. Turner, John McFadden, Govindu , and Steven Jones, " <i>Development of a Short Course: Introduction to the 2000 Highway Capacity Manual</i> ", UTCA report 00461, 07/2002 Daniel S. Turner, John McFadden, and Govindu , " <i>Development of a Short Course: Manual on Uniform Traffic Control Devices</i> ", UTCA report 00462, 05/2002 John McFadden, Thomas Novak, Govindu , and Kilim Reddy, " <i>Providing Technical and Management Services to Intelligent Transportation Systems in Alabama</i> ", UTCA report 00103, 11/2001	
Graduate Courses	<ul style="list-style-type: none"> Traffic Engineering Transportation Planning Highway Design and Construction Linear Optimization Geographic Information Systems 	<ul style="list-style-type: none"> Traffic Safety Geometric Design of Roadways General Engineering Statistics Programming with C++ Intelligent Transportation Systems

MEGHAVARDHAN REDDY GOVINDU

308 Grace Street, Apt#247
Tuscaloosa, AL 35401

(205) 292-3112
govin001@bama.ua.edu

Graduate *Preliminary Design for Extension of Union Chapel Road, 11/2001 - 12/2001*

- Class Projects** • Designed a mile-long segment of roadway between Northridge road and Rice Mine road in Tuscaloosa, Alabama. The roadway was designed, based on criteria from AASHTO Green Book, and checked for the right-of-way acquired by the county

Intersection Delay Study, 10/2001

- Evaluated the performance of an intersection in the University of Alabama campus by computing the control delay and level of service for each lane group of the intersection. A computer program was developed for 'real-time field data entry' that computes the delay of the intersection instantaneously

Traffic Volume Study, 09/2001

- Evaluated prevailing operational conditions (queue length, flow rate for each approach, percentage volume distribution, etc.) at an intersection in the University of Alabama campus. Recommendations were made that would improve the overall efficiency of the intersection in managing the traffic

Accumulation Parking Study, 08/2001 - 09/2001

- Determined the peak parking demand and hourly variations, which helps in understanding the efficiency of parking accommodation and further helps in making appropriate recommendations for improving the parking facilities, at a parking lot in the University of Alabama campus

Accident Reconstruction, 04/2001

- Reconstructed an actual two-vehicle collision that occurred in Tuscaloosa County at the intersection of McFarland Boulevard and Hunter Creek Road on July 21, 1991 at 9: 17 am. Calculated and analyzed both the pre-collision and post-collision speed/behavior of the vehicles involved in the accident

Roadside Accident Cost-Effectiveness Assessment, 03/2001

- A cost-effectiveness assessment was done, for a culvert in the clear zone of a two-lane roadway, by considering three different treatments proposed as part of the 3-R (resurfacing, restoration, and rehabilitation) project

Analysis and Correction of High Accident Locations, 02/2001 - 03/2001

- Analyzed Traffic Accident Reports for an intersection in Tuscaloosa, Alabama and determined feasible countermeasures that would minimize accident occurrences. Also, a benefit-cost analysis was done to determine countermeasure with optimal benefit-cost ratio

Accident Trend Identification and Investigation, 02/2001

- Used CARE (Critical Analysis Reporting Environment) software to identify general trends and statistics in accident occurrences and severities in Alabama to aid ALDOT (Alabama Department of Transportation) in designing its accident reduction program

Developing a Trip Generation model for a specific land use in Alabama, 10/2000 - 12/2000

- Performed an analytical review of trip generation rates for residential land use in Alabama, compared them with standard trip generation manual models and developed a Trip Generation model

Undergraduate Courses

- | | |
|---|--|
| • Engineering Mechanics | • Engineering Materials and Construction |
| • Building Technology and Drawing | • Surveying |
| • Water Resource Engineering | • Hydrology and Irrigation Water Management |
| • Foundation Engineering | • Soil Mechanics |
| • Strength of Materials | • Theory of Structures |
| • Steel Structures | • Reinforced Concrete |
| • Fluid Mechanics | • Computer Applications in Civil Engineering |
| • Administration, Management, and Contracts | • Estimation, Specification, and Costing |
| • Engineering Economics and Accountancy | • Transportation Engineering |

MEGHAVARDHAN REDDY GOVINDU

308 Grace Street, Apt#247
Tuscaloosa, AL 35401

(205) 292-3112
govin001@bama.ua.edu

Undergraduate *High Performance Concrete with and without Admixtures, 08/1999 - 03/2000***Projects**

- Developed a Concrete mix, which had higher Compressive strengths, Flexural strengths, and lower cost when compared to similar mixes, using Silica Fumes and Fly Ash. It involves in testing a design mix with Quarry Dust as fine aggregate in presence of admixtures like Fly Ash and Super Plasticizer. Project was submitted as part of partial fulfillment for the Bachelor of Engineering Degree

Optimization of Scarce Water Resources, 02/2000 - 05/2000

- Developed a computer application, which assists farmers in selecting most profitable plan for cropping the field. This application was developed by considering factors like crop rotation, field fertility, and optimizing the available water resources

Computer Skills

Windows 95/98/NT, MS Office (Word, Excel, PowerPoint, Access), AutoCAD 2002 - Land Development, MicroStation J, HCS 2000 (Highway Capacity Software), CORSIM (NETSIM and FREESIM), Synchro 5.0, SimTraffic 5.0, OREMS 2.5 (Oak Ridge Evacuation Modeling System), RDG 5.0 (Roadside Design Guide), ArcView GIS 8.1, MINITAB, MATLAB, CARE 6.0 (Critical Analysis Reporting Environment), FORTRAN, PASCAL, C, C++

Memberships/**Activities**

- Associate Member, *Institute of Transportation Engineers, 2001 - Present*
- Student Member, *American Society of Civil Engineers, 2001 - Present*
- Secretary, *Crimson Cricket Club, 03/2001 - 03/2002*
- Public Relations Officer, *Indian Association at Tuscaloosa, 03/2001 - 03/2002*
- Participant in Millennium MUTCD Video Conference (0.20 Continuing Education Credits), conducted by Engineering Outreach and Continuing Education, Auburn University, Alabama, **03/2001**
- Participated in a two-day workshop on "*New Materials and Techniques for Construction and Rehabilitation of Structures*", organized by Civil Engineering Association, Chaitanya Bharathi Institute of Technology, Hyderabad, India, **03/2000**
- Secured second position in Survey Quiz Program conducted by Institution of Surveyors, Hyderabad, India, in connection with celebration of National Survey Day, **04/1999**
- Won second prize by writing a paper on "*Transportation Management*", in a technical paper competition, organized by Maturi Venkata Subba Rao Engineering College, Hyderabad, India, on the eve of Engineers day celebrations, **09/1998**
- Participated in a Traffic Safety Trainee course and enrolled as a Traffic Cadet of Hyderabad Traffic Police, **03/1991**

KERRI M. KEITH

Kerri79@aol.com

Current Address:
1611 27th Avenue East
Tuscaloosa, Alabama 35404
(205) 556-0831

Permanent Address:
105 Treat Road
Hope Hull, Alabama 36043
(334) 284-1472

EDUCATION

Candidate for Master of Business Administration with a concentration in Strategy

The University of Alabama, Tuscaloosa, Alabama, May 2003

Bachelor of Science in Civil Engineering

The University of Alabama, Tuscaloosa, Alabama, May 2001

EXPERIENCE

Multimedia Support, Technology Center, College of Commerce and Business Administration, University of Alabama. *August 2002 – Present*

- Facilitated the production of promotional and recruiting videos for the College of Commerce and Business Administration
- Created overall strategy for project, developed script, completed casting, and assisted in filming and editing of videos

Graduate Research Assistant and Graduate Summer Intern, Critical Analysis Reporting Environment (*CARE*) Research & Development Laboratory, Computer Science Department, University of Alabama. *May 2001 – Present*

- Continued in duties of Undergraduate Research Assistant position (see below)
- Managed employees conducting phone surveys and those performing software testing
- Assisted in the development of forms and procedures for the Alabama Department of Public Safety
- Performed expanded data analysis responsibilities
- Co-authored user's manual for *CARE* software program
- Assisted in developing and implementing marketing and outreach efforts for the organization
- Designed brochures and other promotional materials in-house in order to save organization thousands of dollars in consulting fees.

Undergraduate Research Assistant, *CARE* Research & Development Laboratory, Computer Science Department, University of Alabama. *January – May 1999, August 1999 – May 2001*

- Tested and aided in development of software used in traffic accident analysis
- Gathered traffic accident statistics
- Assisted Alabama Department of Transportation (ALDOT) and Department of Public Safety in accident data analysis and training

Software Analyst, University of Alabama and ALDOT, Montgomery, Alabama.
May – August 1999

- Joint project between the University of Alabama and ALDOT
- Analyzed roadway software currently used by ALDOT

Co-op Engineer, Kappler Safety Group, Technical Services Division, Guntersville, Alabama. *August – December 1998*

- Assisted engineers in fabric product research and development
- Conducted experiments on the properties and characteristics of various fabrics used in development of protective clothing
- Compiled spreadsheets regarding the characteristics of various fabrics

Undergraduate Research Assistant, Civil Engineering Department, University of Alabama. *February – August 1998*

- Assisted graduate student in tracking 100-year rainfall history and intensity for the state of Alabama

PROFESSIONAL SKILLS

Strong writing, technical writing and analytical skills
Passed Fundamentals of Engineering Exam (Engineer-In-Training Certification)
Computer skills: Microsoft Excel, Microsoft Word, Microsoft PowerPoint, Microsoft Access, Microsoft Visio, Windows, some html, Internet tools, Adobe Photoshop, Adobe PageMaker

ACTIVITIES

College of Engineering:

Engineering Executive Council: President (2000-2001); Vice President (1999-2000)
Theta Tau Professional Engineering Fraternity: Scribe (1999-2000); Chairman of Alumni Affairs (1999); Chairman of Extension (1998); Attended National Conventions (1998, 2000)
American Society of Civil Engineers: Vice President of Communications (2000-2001)
Chi Epsilon Civil Engineering Honorary: Vice President (2000-2001)
Civil Engineering Advisory Board
American Society of Professional Engineers
Society of Women in Engineering
College of Engineering Scholarship Recipient
Civil Engineering Department Scholarship Recipient

Manderson Graduate School of Business:

Manderson Toastmasters: Secretary (2002)
Managed production of recruiting video for the MBA program
Host Team Member
MBA Association Member

University of Alabama:

University of Alabama Student Leadership Council
Blackburn Institute Fellow
University of Alabama Women's Chorale
Staff Reporter for *The Crimson White*
Alabama Public Works Association Scholarship Recipient
Dean's List